

**IN THE UNITED STATES DISTRICT COURT  
FOR THE EASTERN DISTRICT OF VIRGINIA  
RICHMOND DIVISION**

GOLDEN BETHUNE-HILL, *et al.*,

Plaintiffs,

v.

VIRGINIA STATE BOARD OF ELECTIONS,  
et al.,

Defendants.

VIRGINIA HOUSE OF DELEGATES, et al.,

Intervenor-Defendants.

Civil Action No. 3:14-cv-00852-REP-GBL-  
BMK

**DECLARATION OF KEVIN J. HAMILTON**

I, Kevin J. Hamilton, state that I have personal knowledge of the matters set forth in this declaration and, if sworn as a witness, would testify as follows:

1. I am an attorney practicing at the firm of Perkins Coie LLP and served as a lead counsel for the plaintiffs in this matter.
2. Attached as Exhibit A is a true and correct copy of region maps for the Richmond, Tri-City, South Hampton Roads, and North Hampton Roads regions in Plaintiffs' Remedial Plan A.
3. Attached as Exhibit B is a true and correct copy of maps of each of the Challenged Districts in Plaintiffs' Remedial Plan A.
4. Attached as Exhibit C is a true and correct copy of a Population Summary and Voting Age Population Summary for Plaintiffs' Remedial Plan A.

5. Attached as Exhibit D is a true and correct copy of a Measures of Compactness report for Plaintiffs' Remedial Plan A.

6. Attached as Exhibit E is a true and correct copy of a Political Subdivisions Split Between Districts report for Plaintiffs' Remedial Plan A.

7. Attached as Exhibit F is a true and correct copy of region maps for the Richmond, Tri-City, South Hampton Roads, and North Hampton Roads regions in Plaintiffs' Remedial Plan B.

8. Attached as Exhibit G is a true and correct copy of maps of each of the Challenged Districts in Plaintiffs' Remedial Plan B.

9. Attached as Exhibit H is a true and correct copy of a Population Summary and Voting Age Population Summary for Plaintiffs' Remedial Plan B.

10. Attached as Exhibit I is a true and correct copy of a Measures of Compactness report for Plaintiffs' Remedial Plan B.

11. Attached as Exhibit J is a true and correct copy of a Political Subdivisions Split Between Districts report for Plaintiffs' Remedial Plan B.

I declare under penalty of perjury that the foregoing statements are true and correct.

Executed this 2nd day of November, 2018 in Philadelphia, Pennsylvania.



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Kevin J. Hamilton

CERTIFICATE OF SERVICE

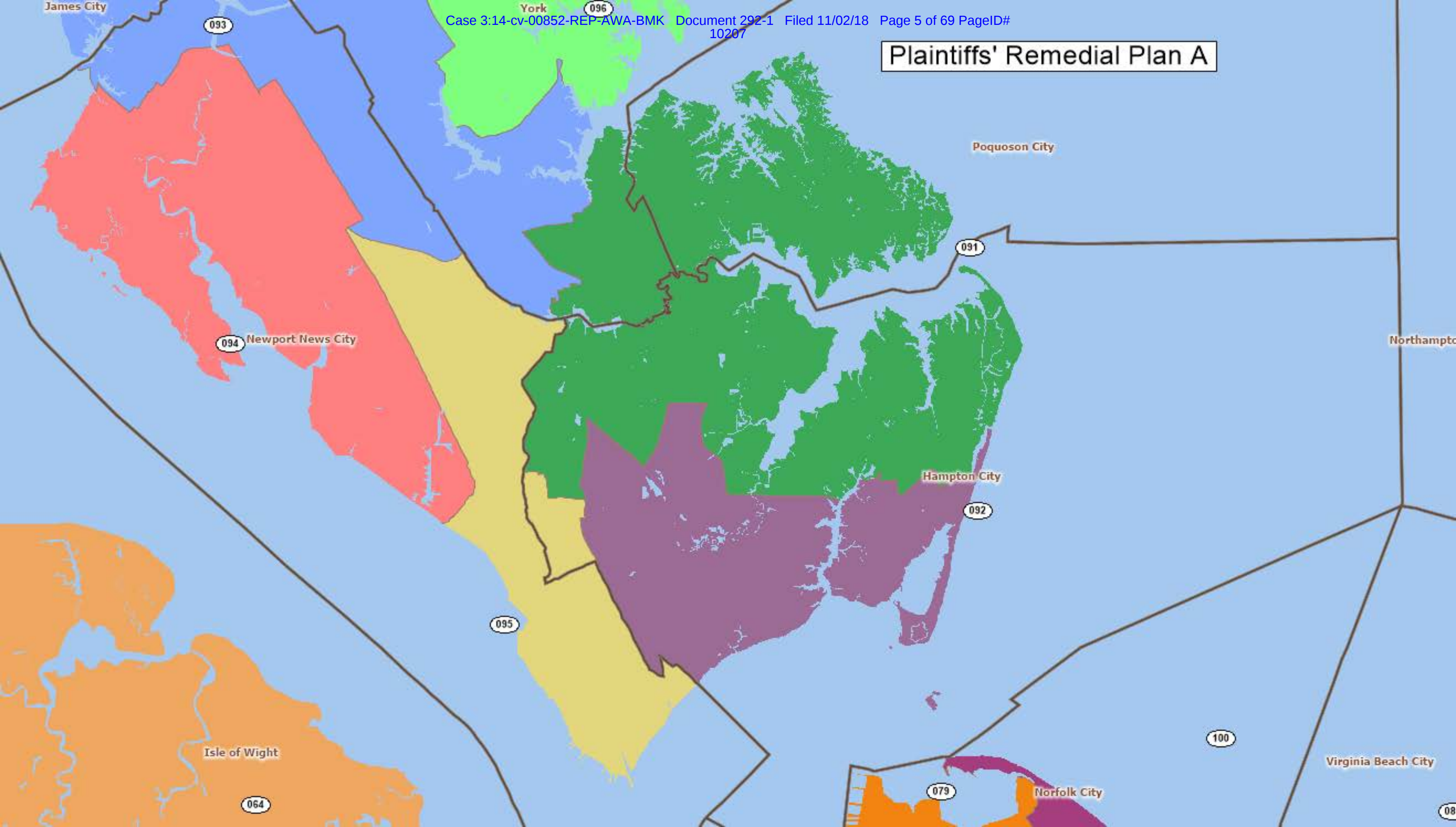
I hereby certify that on the 2nd day of November, 2018, I electronically filed the foregoing with the Clerk of the Court using the CM/ECF system, which will send a copy to counsel of record.

/s/ Aria Branch  
ARIA BRANCH

## EXHIBIT A

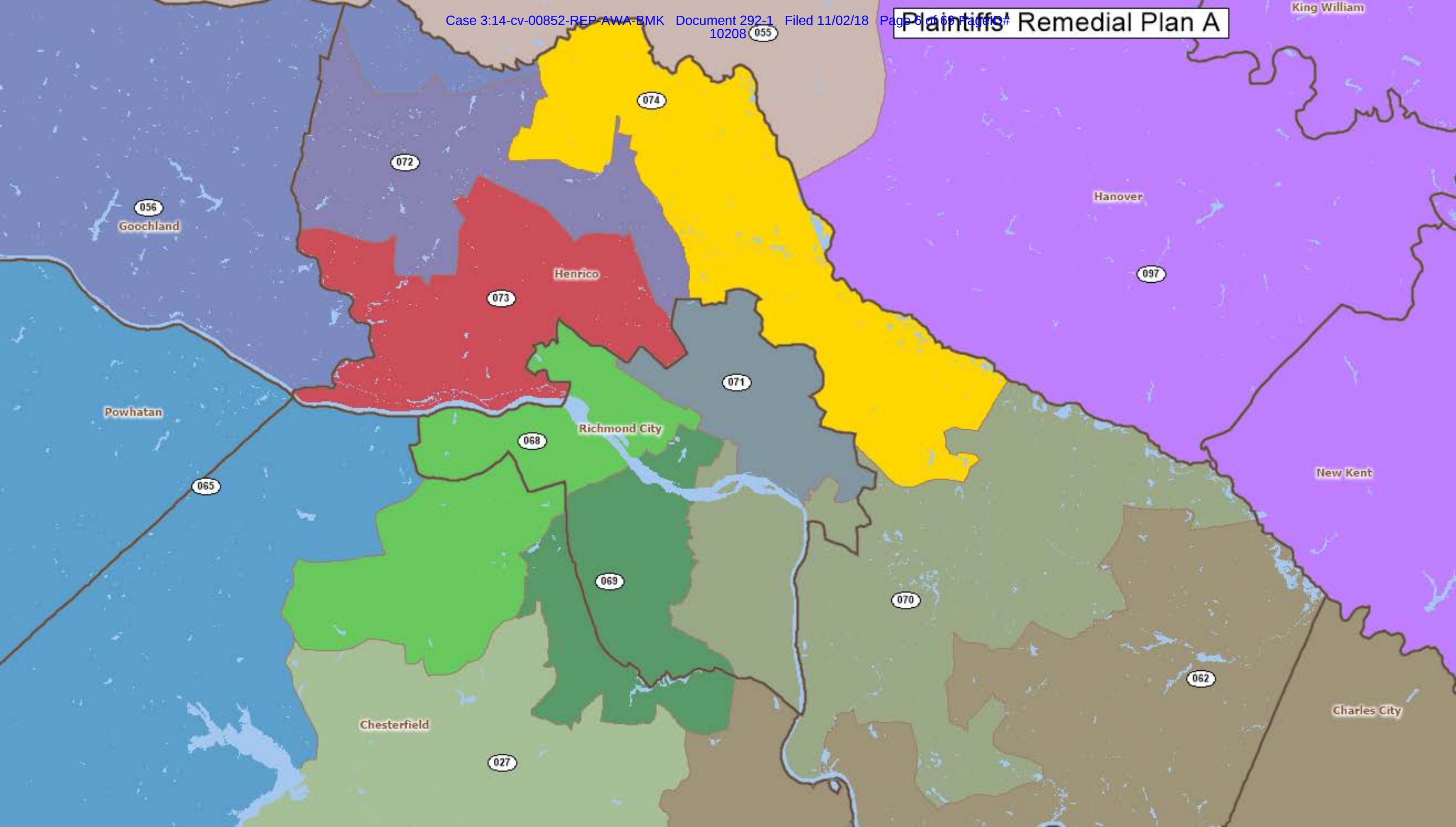
DECLARATION OF KEVIN J. HAMILTON

# Plaintiffs' Remedial Plan A



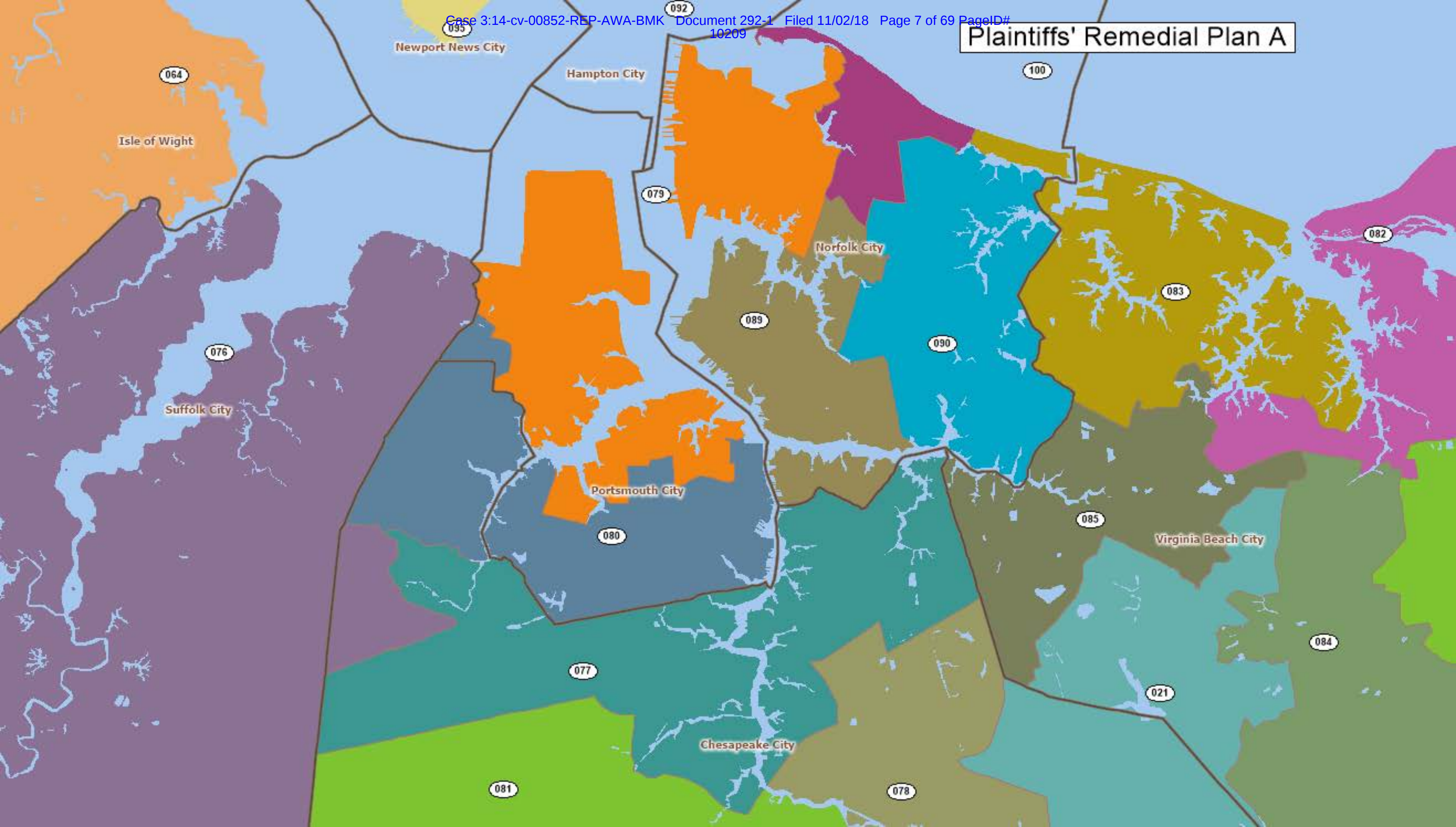


Plaintiffs' Remedial Plan A



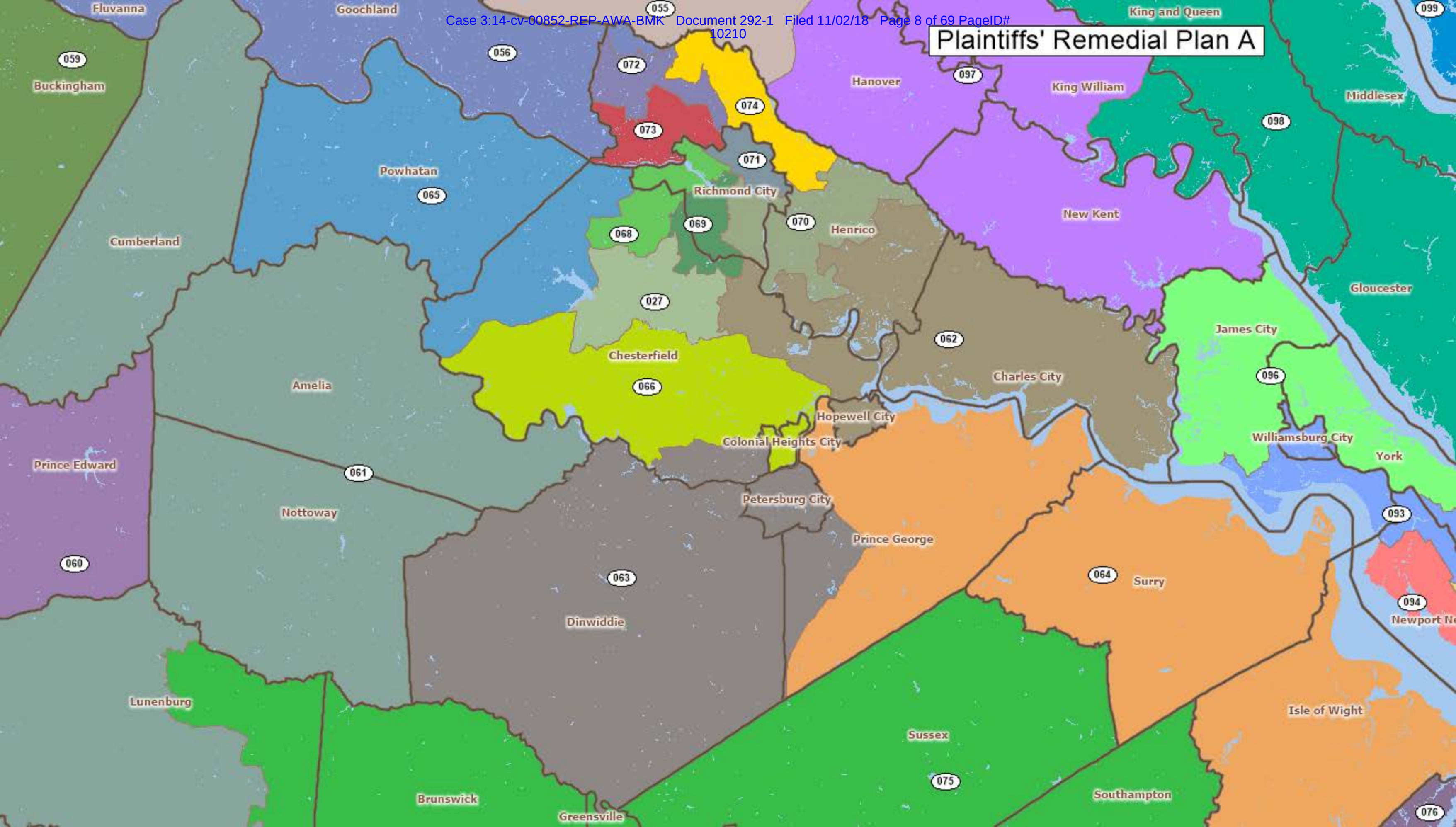


Plaintiffs' Remedial Plan A





## Plaintiffs' Remedial Plan A

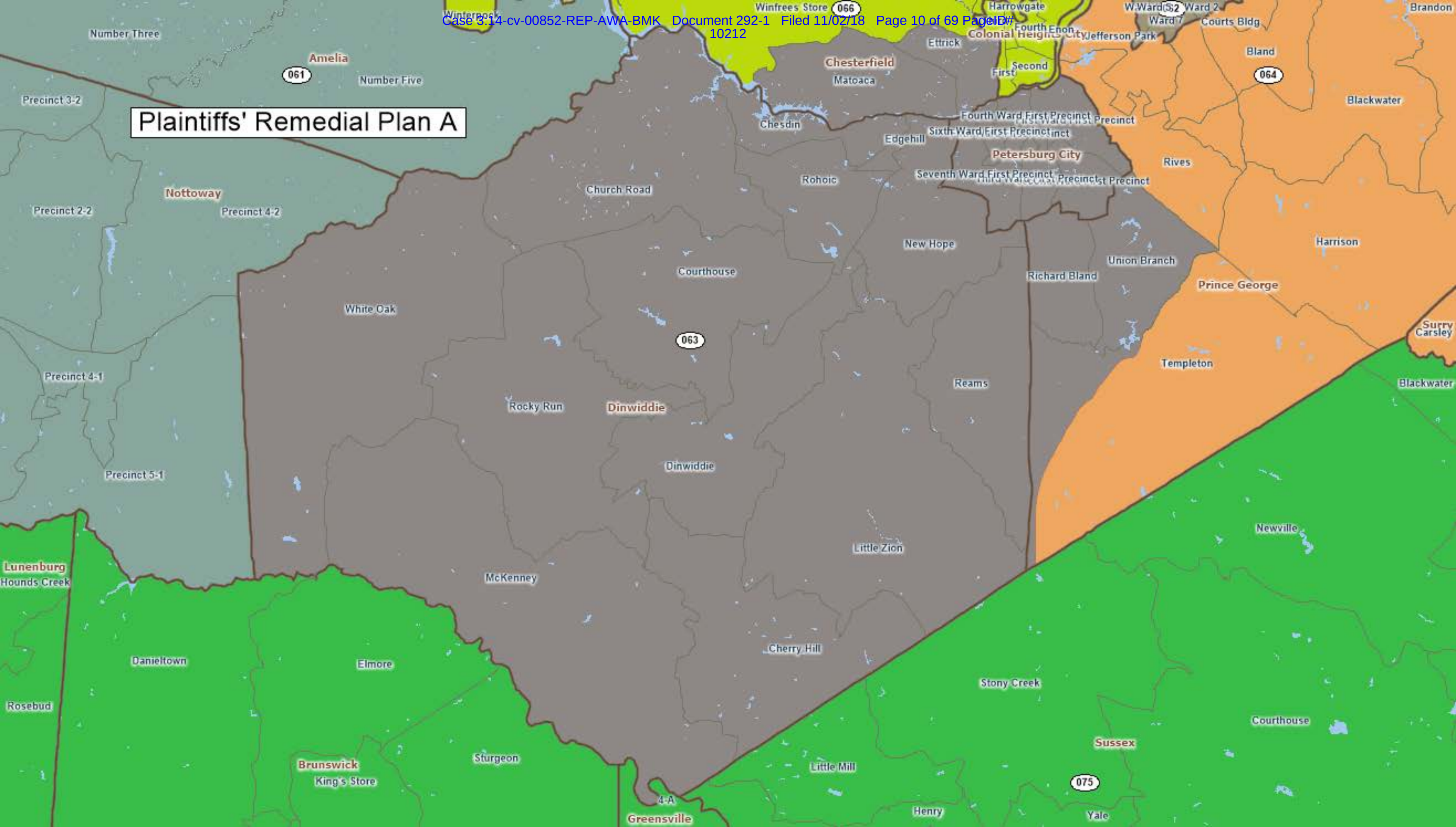




## EXHIBIT B

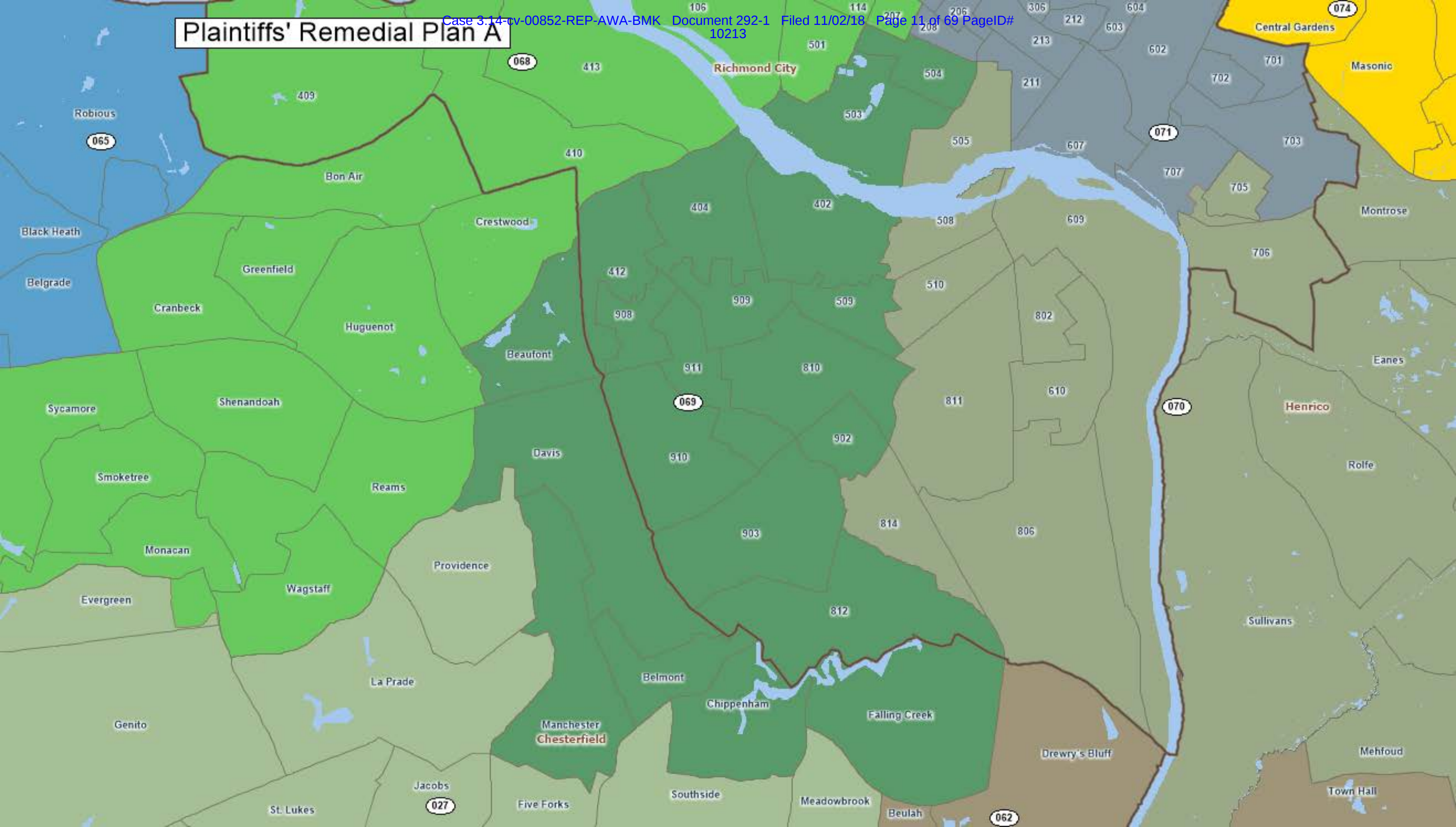
DECLARATION OF KEVIN J. HAMILTON

Plaintiffs' Remedial Plan A

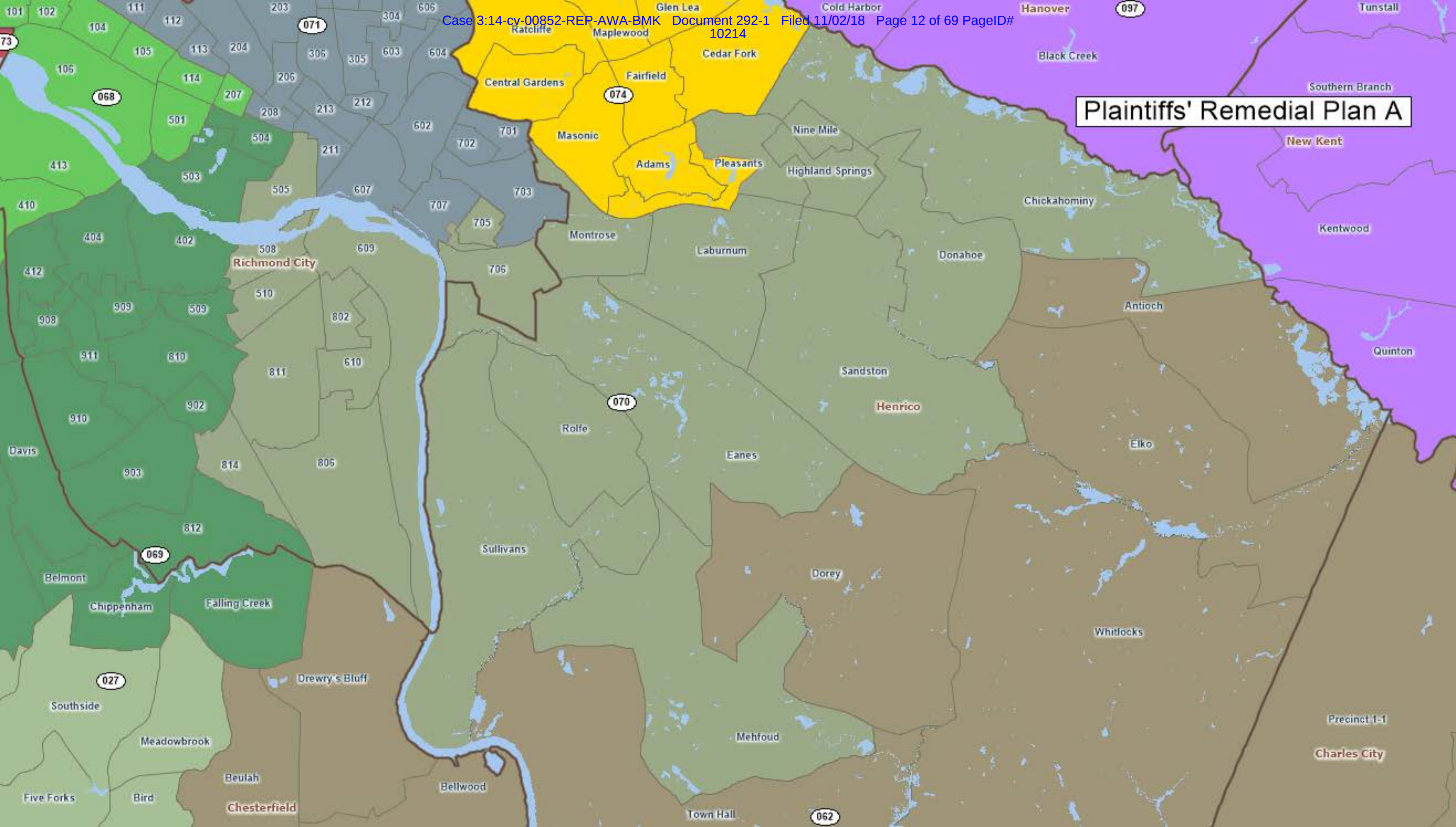




# Plaintiffs' Remedial Plan A

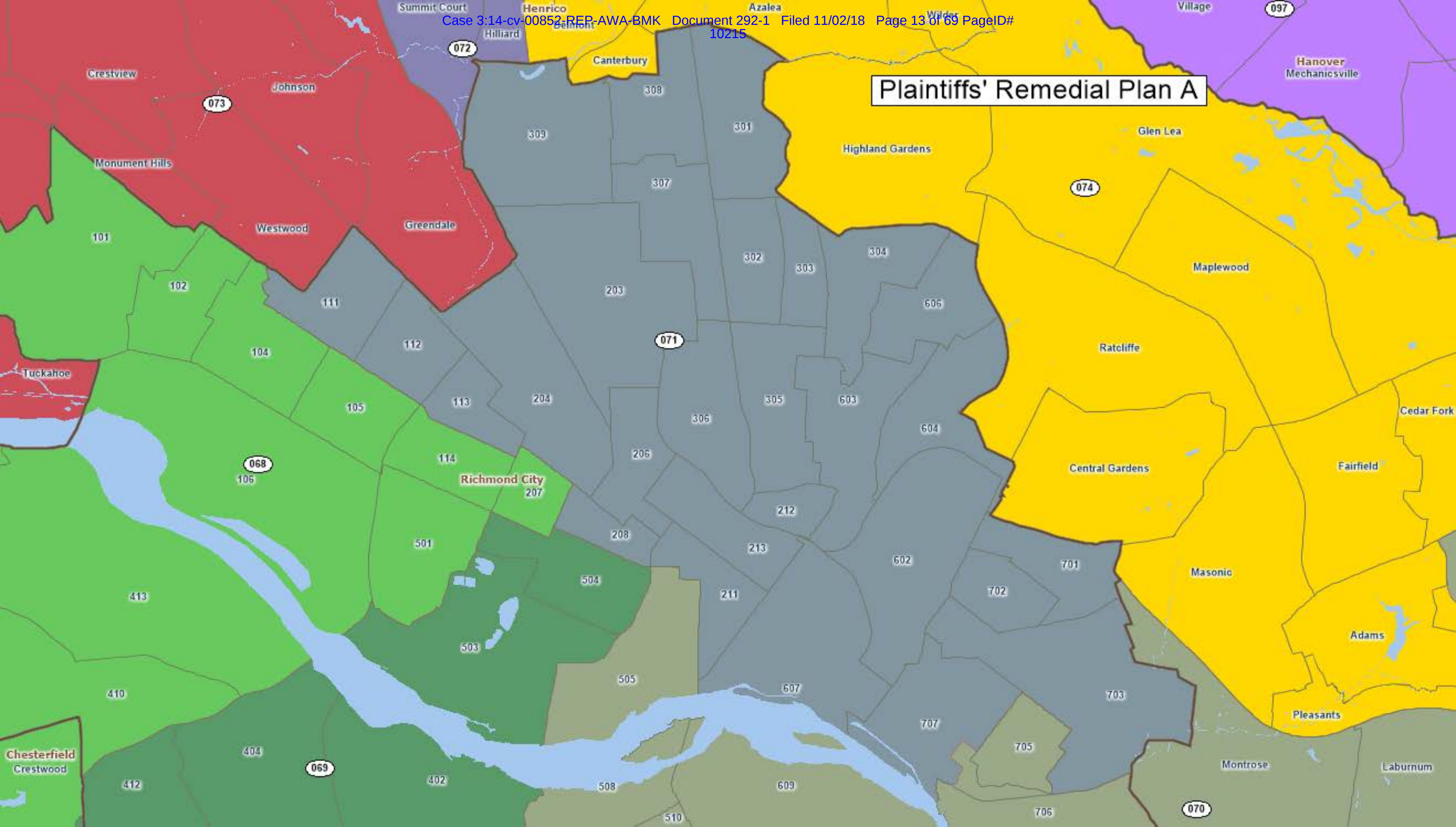




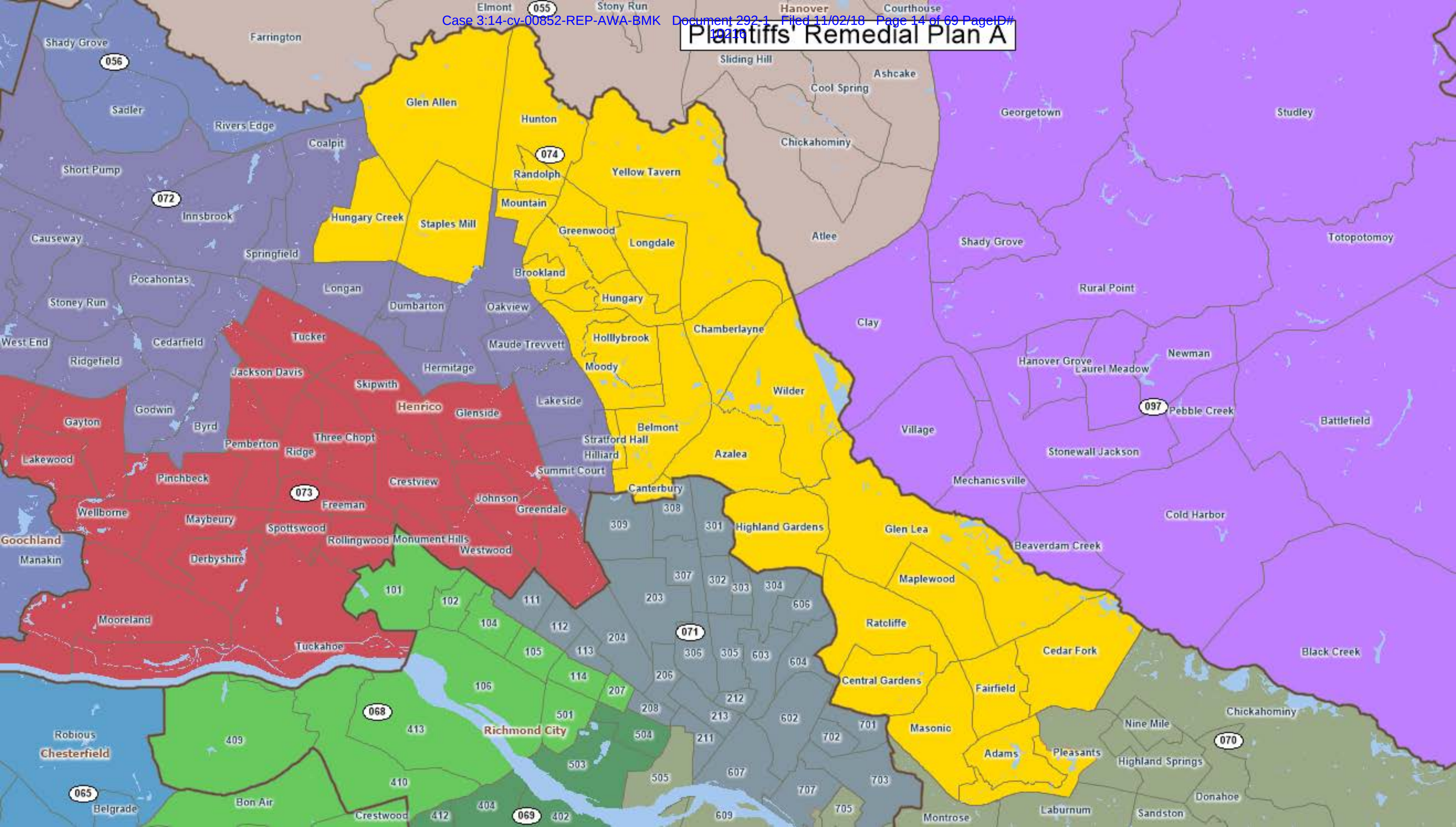


Plaintiffs' Remedial Plan A



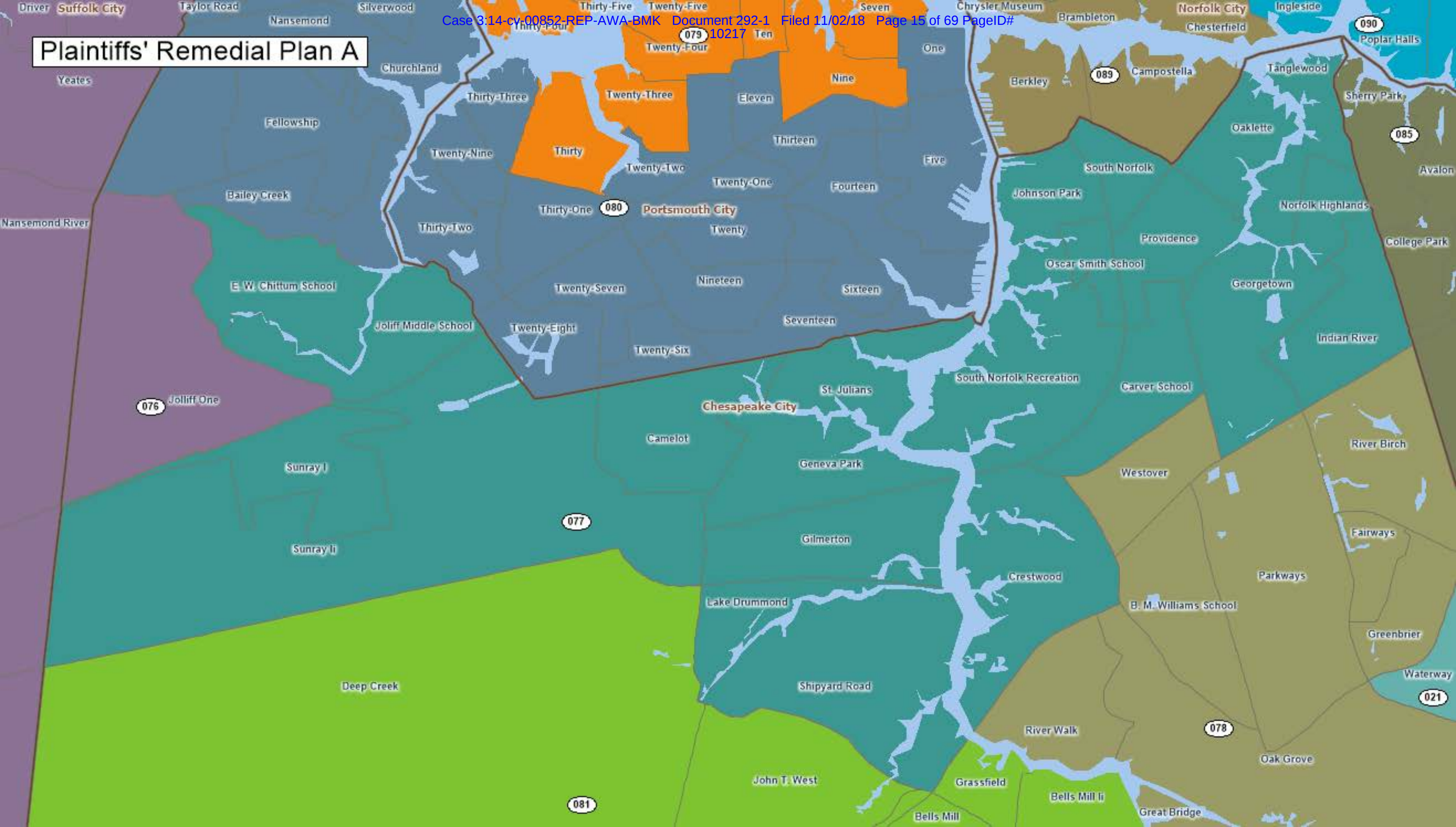






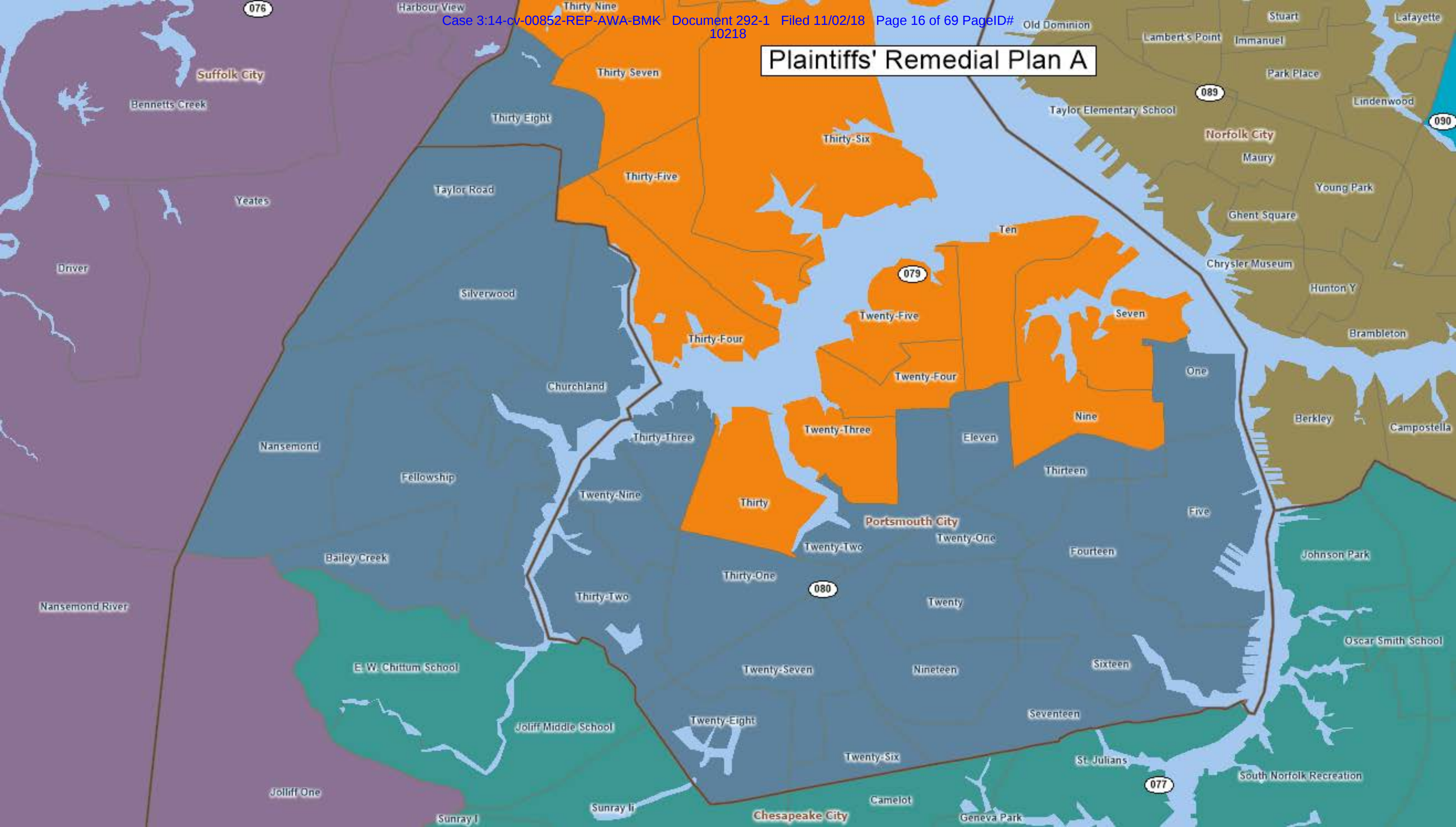


# Plaintiffs' Remedial Plan A



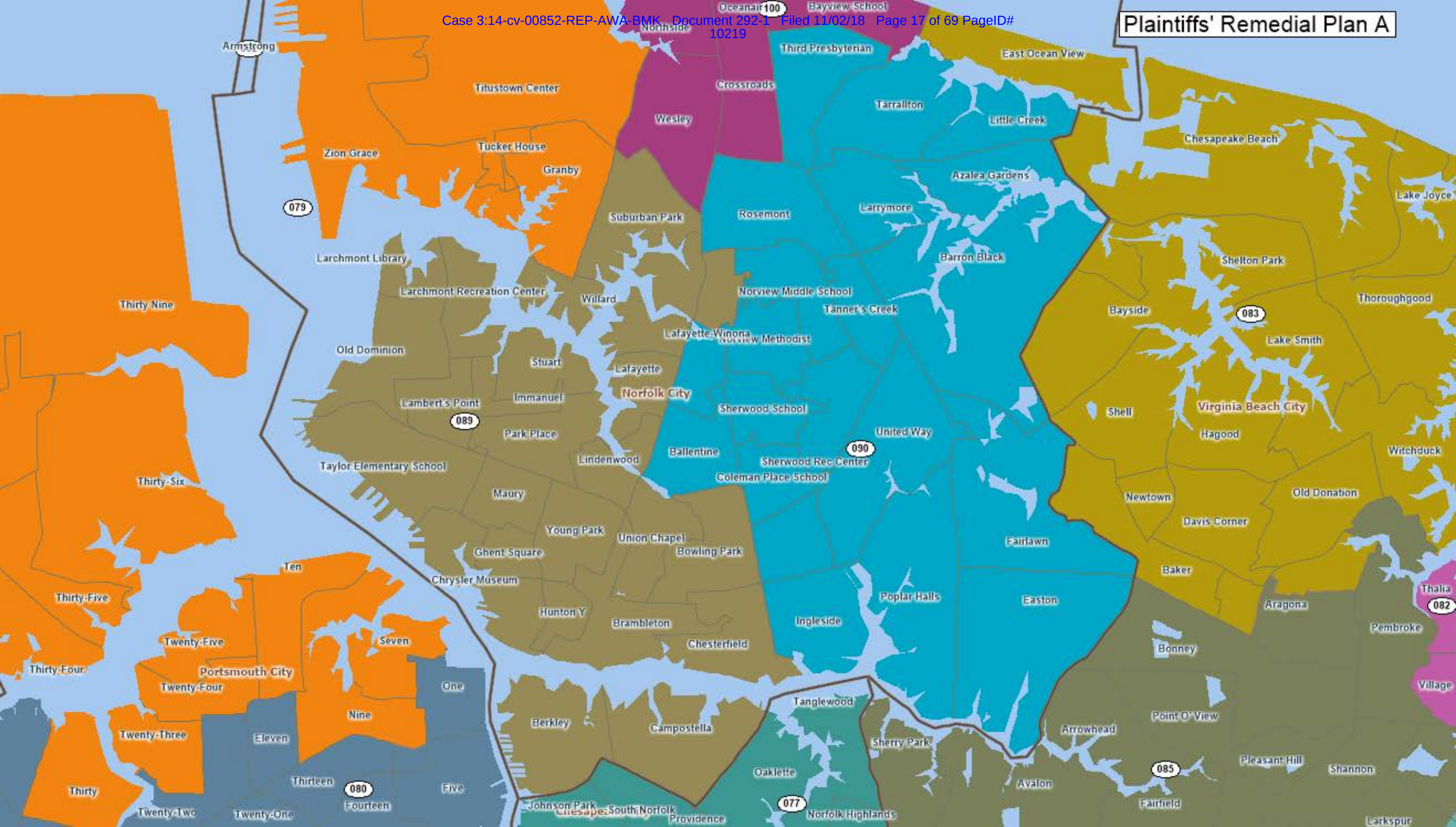


## Plaintiffs' Remedial Plan A

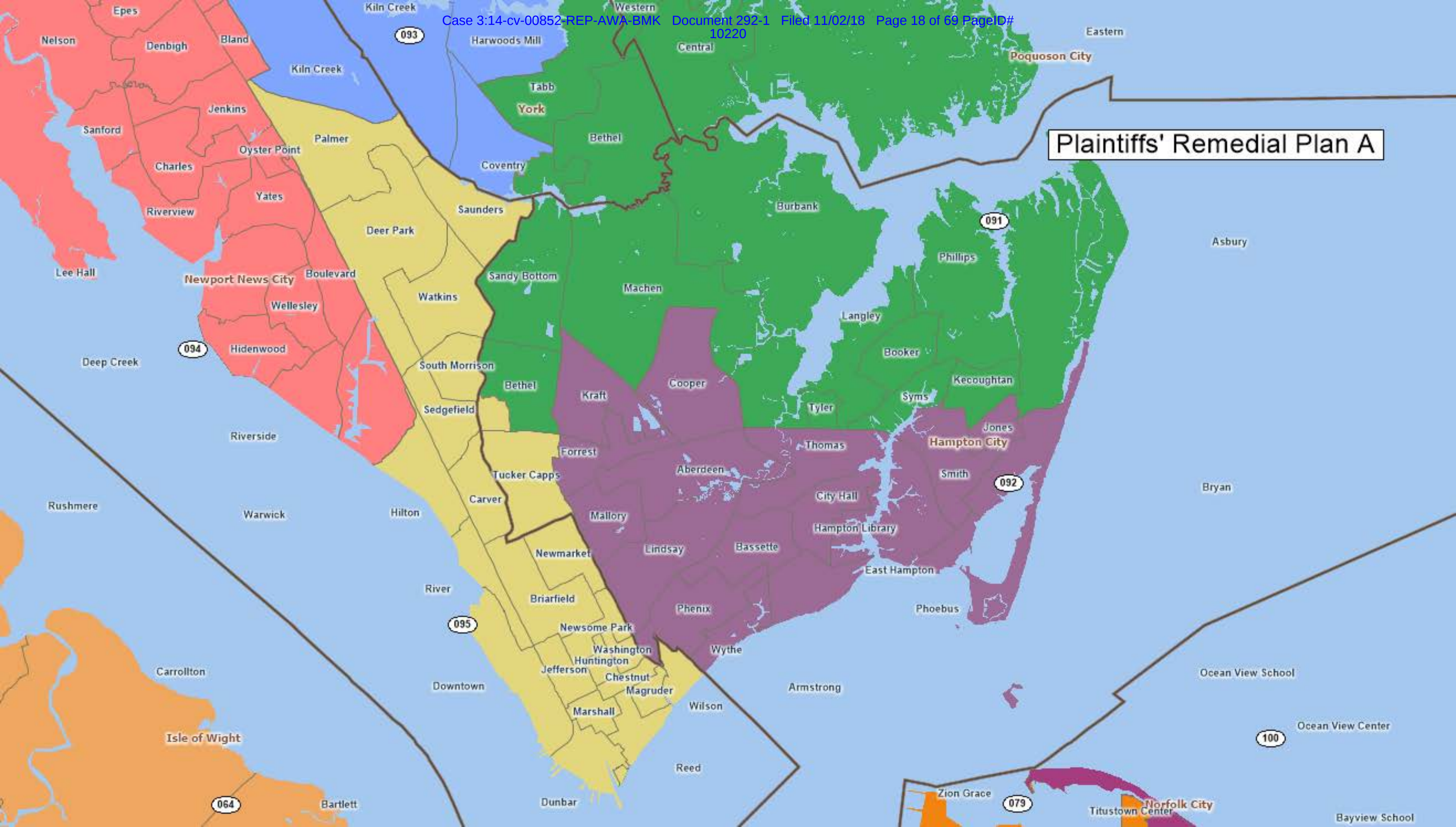




Plaintiffs' Remedial Plan A







Plaintiffs' Remedial Plan A



## EXHIBIT C

DECLARATION OF KEVIN J. HAMILTON

Plaintiffs' Remedial Plan A Population Summary																			
HD	Total Population	Deviation	% Deviation	% Black															
				White	% White	Black (alone or in Part)	% Black (alone or in Part)	Black	% Black	Hispanic	% Hispanic	AIAN	% AIAN	Asian	% Asian	HawPI	% HawPI	Other	% Other
51001	80,508	498	0.62%	76,238	94.7%	2,938	3.6%	2,642	3.3%	1,032	1.3%	198	0.2%	273	0.3%	21	0.0%	378	0.5%
51002	79,491	-519	-0.65%	45,289	57.0%	21,234	26.7%	19,305	24.3%	14,019	17.6%	389	0.5%	4,714	5.9%	143	0.2%	5,537	7.0%
51003	80,583	573	0.72%	77,178	95.8%	2,453	3.0%	2,187	2.7%	471	0.6%	89	0.1%	361	0.4%	10	0.0%	141	0.2%
51004	80,446	436	0.54%	77,768	96.7%	1,687	2.1%	1,487	1.8%	833	1.0%	127	0.2%	215	0.3%	9	0.0%	323	0.4%
51005	80,600	590	0.74%	76,060	94.4%	2,670	3.3%	2,217	2.8%	2,219	2.8%	149	0.2%	279	0.3%	24	0.0%	963	1.2%
51006	79,608	-402	-0.50%	76,371	95.9%	1,847	2.3%	1,491	1.9%	1,348	1.7%	144	0.2%	233	0.3%	11	0.0%	620	0.8%
51007	80,146	136	0.17%	74,108	92.5%	3,719	4.6%	3,148	3.9%	1,636	2.0%	144	0.2%	1,036	1.3%	18	0.0%	445	0.6%
51008	80,685	675	0.84%	74,011	91.7%	3,761	4.7%	3,262	4.0%	1,558	1.9%	167	0.2%	1,519	1.9%	18	0.0%	595	0.7%
51009	80,574	564	0.70%	69,709	86.5%	8,461	10.5%	7,855	9.7%	2,349	2.9%	205	0.3%	272	0.3%	13	0.0%	1,447	1.8%
51010	80,617	607	0.76%	60,881	75.5%	7,711	9.6%	6,650	8.2%	9,800	12.2%	276	0.3%	5,836	7.2%	34	0.0%	3,995	5.0%
51011	80,132	122	0.15%	47,632	59.4%	28,095	35.1%	26,464	33.0%	4,734	5.9%	213	0.3%	1,374	1.7%	49	0.1%	2,072	2.6%
51012	80,492	482	0.60%	70,200	87.2%	4,022	5.0%	3,428	4.3%	1,959	2.4%	160	0.2%	4,443	5.5%	22	0.0%	587	0.7%
51013	80,579	569	0.71%	48,642	60.4%	11,894	14.8%	10,402	12.9%	20,063	24.9%	397	0.5%	7,610	9.4%	65	0.1%	9,494	11.8%
51014	79,407	-603	-0.75%	47,862	60.3%	29,125	36.7%	28,510	35.9%	2,407	3.0%	145	0.2%	561	0.7%	24	0.0%	1,271	1.6%
51015	80,630	620	0.77%	75,913	94.1%	1,994	2.5%	1,507	1.9%	3,386	4.2%	189	0.2%	361	0.4%	17	0.0%	1,474	1.8%
51016	79,692	-318	-0.40%	54,827	68.8%	22,513	28.3%	21,837	27.4%	2,628	3.3%	189	0.2%	368	0.5%	7	0.0%	1,389	1.7%
51017	80,631	621	0.78%	71,273	88.4%	5,959	7.4%	5,176	6.4%	2,059	2.6%	157	0.2%	1,880	2.3%	22	0.0%	639	0.8%
51018	79,450	-560	-0.70%	69,073	86.9%	6,596	8.3%	5,720	7.2%	4,292	5.4%	260	0.3%	943	1.2%	45	0.1%	1,563	2.0%
51019	80,080	70	0.09%	73,554	91.9%	5,190	6.5%	4,655	5.8%	1,019	1.3%	217	0.3%	332	0.4%	20	0.0%	241	0.3%
51020	79,334	-676	-0.84%	69,268	87.3%	7,701	9.7%	6,665	8.4%	2,580	3.3%	173	0.2%	494	0.6%	21	0.0%	1,054	1.3%
51021	79,608	-402	-0.50%	45,487	57.1%	21,051	26.4%	19,164	24.1%	5,567	7.0%	225	0.3%	9,178	11.5%	95	0.1%	1,559	2.0%
51022	79,307	-703	-0.88%	59,135	74.6%	17,825	22.5%	17,029	21.5%	1,773	2.2%	192	0.2%	1,019	1.3%	26	0.0%	565	0.7%
51023	79,330	-680	-0.85%	62,083	78.3%	13,394	16.9%	12,524	15.8%	2,087	2.6%	313	0.4%	2,010	2.5%	34	0.0%	914	1.2%
51024	79,678	-332	-0.41%	70,684	88.7%	7,017	8.8%	6,459	8.1%	1,424	1.8%	428	0.5%	442	0.6%	21	0.0%	446	0.6%
51025	80,011	1	0.00%	73,736	92.2%	3,245	4.1%	2,727	3.4%	2,893	3.6%	148	0.2%	950	1.2%	11	0.0%	1,258	1.6%
51026	80,688	678	0.85%	67,806	84.0%	4,260	5.3%	3,531	4.4%	9,906	12.3%	264	0.3%	1,878	2.3%	64	0.1%	5,170	6.4%
51027	79,469	-541	-0.68%	52,148	65.6%	20,582	25.9%	19,296	24.3%	5,628	7.1%	321	0.4%	2,440	3.1%	49	0.1%	2,891	3.6%
51028	79,304	-706	-0.88%	56,206	70.9%	16,476	20.8%	14,841	18.7%	7,076	8.9%	403	0.5%	1,961	2.5%	85	0.1%	2,658	3.4%
51029	79,851	-159	-0.20%	68,575	85.9%	5,669	7.1%	4,732	5.9%	6,597	8.3%	248	0.3%	1,106	1.4%	20	0.0%	3,382	4.2%
51030	80,583	573	0.72%	62,914	78.1%	13,207	16.4%	11,938	14.8%	5,030	6.2%	275	0.3%	802	1.0%	59	0.1%	2,448	3.0%
51031	79,210	-800	-1.00%	50,345	63.6%	17,494	22.1%	15,955	20.1%	11,324	14.3%	470	0.6%	4,561	5.8%	130	0.2%	4,161	5.3%
51032	80,268	258	0.32%	55,738	69.4%	6,846	8.5%	5,929	7.4%	7,420	9.2%	213	0.3%	12,951	16.1%	40	0.0%	2,189	2.7%
51033	80,550	540	0.67%	70,393	87.4%	4,657	5.8%	3,883	4.8%	5,090	6.3%	194	0.2%	2,203	2.7%	47	0.1%	1,784	2.2%
51034	80,722	712	0.89%	61,693	76.4%	3,137	3.9%	2,618	3.2%	5,819	7.2%	152	0.2%	11,696	14.5%	37	0.0%	1,729	2.1%
51035	80,213	203	0.25%	53,780	67.0%	4,431	5.5%	3,816	4.8%	8,037	10.0%	212	0.3%	16,330	20.4%	56	0.1%	2,780	3.5%
51036	79,746	-264	-0.33%	53,210	66.7%	8,034	10.1%	7,138	9.0%	8,819	11.1%	247	0.3%	12,776	16.0%	32	0.0%	3,187	4.0%
51037	80,255	245	0.31%	47,377	59.0%	7,154	8.9%	6,282	7.8%	10,555	13.2%	258	0.3%	19,197	23.9%	47	0.1%	3,605	4.5%
51038	80,758	748	0.93%	42,448	52.6%	8,542	10.6%	7,896	9.8%	25,694	31.8%	508	0.6%	15,293	18.9%	63	0.1%	10,919	13.5%
51039	80,710	700	0.87%	46,876	58.1%	8,318	10.3%	7,585	9.4%	15,374	19.0%	384	0.5%	15,794	19.6%	77	0.1%	6,603	8.2%
51040	80,729	719	0.90%	55,837	69.2%	5,891	7.3%	5,095	6.3%	7,868	9.7%	240	0.3%	13,863	17.2%	78	0.1%	2,649	3.3%
51041	80,792	782	0.98%	54,579	67.6%	5,343	6.6%	4,637	5.7%	9,941	12.3%	183	0.2%	15,266	18.9%	62	0.1%	2,885	3.6%
51042	79,964	-46	-0.06%	55,174	69.0%	9,089	11.4%	8,114	10.1%	7,461	9.3%	261	0.3%	11,008	13.8%	104	0.1%	1,939	2.4%
51043	80,750	740	0.92%	47,821	59.2%	15,299	18.9%	14,109	17.5%	12,611	15.6%	291	0.4%	9,989	12.4%	81	0.1%	4,915	6.1%
51044	80,796	786	0.98%	44,799	55.4%	18,844	23.3%	17,690	21.9%	19,469	24.1%	413	0.5%	5,310	6.6%	90	0.1%	9,136	11.3%
51045	80,240	230	0.29%	59,905	74.7%	10,197	12.7%	9,434	11.8%	11,072	13.8%	363	0.5%	3,145	3.9%	63	0.1%	4,791	6.0%
51046	80,333	323	0.40%	41,531	51.7%	23,914	29.8%	22,577	28.1%	13,746	17.1%	293	0.4%	6,546	8.1%	87	0.1%	5,911	7.4%
51047	80,757	747	0.93%	61,673	76.4%	4,477	5.5%	3,900	4.8%	10,754	13.3%	427	0.5%	7,508	9.3%	56	0.1%	4,263	5.3%
51048	79,492	-518	-0.65%	63,919	80.4%	3,802	4.8%	3,291	4.1%	5,831	7.3%	179	0.2%	8,184	10.3%	48	0.1%	1,318	1.7%
51049	80,609	599	0.75%	42,754	53.0%	14,797	18.4%	13,754	17.1%	21,749	27.0%	497	0.6%	10,174	12.6%	105	0.1%	9,557	11.9%
51050	80,677	667	0.83%	50,040	62.0%	12,619	15.6%	11,036	13.7%	21,171	26.2%	450	0.6%	5,698	7.1%	114	0.1%	9,436	11.7%
51051	80,372	362	0.45%	55,264	68.8%	13,854	17.2%	12,462	15.5%	10,775	13.4%	444	0.6%	4,757	5.9%	85	0.1%	3,777	4.7%
51052	79,290	-720	-0.90%	33,564	42.3%	26,018	32.8%	23,892	30.1%	23,127	29.2%	663	0.8%	5,377	6.8%	99	0.1%	10,940	13.8%
51053	80,049	39	0.05%	48,549	60.6%	4,895	6.1%	4,294	5.4%	16,791	21.0%	400	0.5%	16,424	20.5%	45	0.1%	7,101	8.9%
51054	80,155	145	0.18%	58,394	72.9%	15,595													



51080	79,924	-86	-0.11%	32,607	40.8%	44,098	55.2%	42,761	53.5%	2,389	3.0%	336	0.4%	1,229	1.5%	102	0.1%	820	1.0%
51081	80,691	681	0.85%	60,992	75.6%	14,384	17.8%	13,174	16.3%	4,450	5.5%	298	0.4%	2,119	2.6%	96	0.1%	1,245	1.5%
51082	79,504	-506	-0.63%	64,133	80.7%	10,250	12.9%	9,023	11.3%	4,668	5.9%	309	0.4%	2,043	2.6%	98	0.1%	1,350	1.7%
51083	80,774	764	0.95%	53,040	65.7%	20,669	25.6%	19,256	23.8%	5,123	6.3%	332	0.4%	3,478	4.3%	133	0.2%	1,647	2.0%
51084	79,655	-355	-0.44%	50,866	63.9%	18,664	23.4%	17,068	21.4%	6,111	7.7%	301	0.4%	5,968	7.5%	160	0.2%	1,730	2.2%
51085	80,754	744	0.93%	52,551	65.1%	19,037	23.6%	17,489	21.7%	5,050	6.3%	378	0.5%	5,295	6.6%	117	0.1%	1,634	2.0%
51086	80,747	737	0.92%	46,400	57.5%	7,132	8.8%	6,369	7.9%	17,163	21.3%	351	0.4%	15,998	19.8%	42	0.1%	8,162	10.1%
51087	79,275	-735	-0.92%	44,093	55.6%	7,429	9.4%	6,483	8.2%	11,761	14.8%	236	0.3%	19,678	24.8%	54	0.1%	5,109	6.4%
51088	80,191	181	0.23%	60,159	75.0%	12,879	16.1%	11,480	14.3%	7,188	9.0%	261	0.3%	2,106	2.6%	95	0.1%	3,356	4.2%
51089	80,517	507	0.63%	31,318	38.9%	45,497	56.5%	44,279	55.0%	2,558	3.2%	232	0.3%	1,913	2.4%	56	0.1%	751	0.9%
51090	79,228	-782	-0.98%	33,391	42.1%	38,860	49.0%	37,049	46.8%	5,285	6.7%	341	0.4%	3,379	4.3%	114	0.1%	1,859	2.3%
51091	79,503	-507	-0.63%	51,706	65.0%	22,177	27.9%	20,508	25.8%	3,604	4.5%	332	0.4%	2,719	3.4%	94	0.1%	1,009	1.3%
51092	79,959	-51	-0.06%	27,332	34.2%	49,076	61.4%	47,056	58.9%	3,528	4.4%	347	0.4%	1,317	1.6%	82	0.1%	1,037	1.3%
51093	79,232	-778	-0.97%	53,806	67.9%	18,041	22.8%	16,524	20.9%	5,061	6.4%	268	0.3%	3,804	4.8%	137	0.2%	1,673	2.1%
51094	79,268	-742	-0.93%	45,286	57.1%	27,456	34.6%	25,249	31.9%	6,442	8.1%	389	0.5%	2,547	3.2%	159	0.2%	2,051	2.6%
51095	79,667	-343	-0.43%	32,062	40.2%	42,862	53.8%	40,935	51.4%	4,917	6.2%	367	0.5%	1,271	1.6%	81	0.1%	2,105	2.6%
51096	79,217	-793	-0.99%	62,755	79.2%	11,949	15.1%	10,948	13.8%	3,357	4.2%	266	0.3%	2,069	2.6%	78	0.1%	1,001	1.3%
51097	79,386	-624	-0.78%	67,533	85.1%	8,951	11.3%	8,379	10.6%	1,606	2.0%	597	0.8%	947	1.2%	29	0.0%	503	0.6%
51098	79,251	-759	-0.95%	63,155	79.7%	13,769	17.4%	12,959	16.4%	1,870	2.4%	403	0.5%	519	0.7%	23	0.0%	536	0.7%
51099	80,332	322	0.40%	56,801	70.7%	20,709	25.8%	19,785	24.6%	2,971	3.7%	353	0.4%	551	0.7%	27	0.0%	1,183	1.5%
51100	80,680	670	0.84%	50,700	62.8%	24,232	30.0%	23,019	28.5%	6,746	8.4%	403	0.5%	1,280	1.6%	125	0.2%	2,785	3.5%



**Plaintiffs' Remedial Plan A Voting Age Population Summary**  
**% Black**

HD	Voting Age Population	Deviation	% Deviation	White	% White	Black (alone or in Part)	% Black (alone or in Part)	Black	% Black	Hispanic	% Hispanic	AIAN	% AIAN	Asian	% Asian	HawPI	% HawPI	Other	% Other
51001	64,221	498	0.62%	60,648	94.4%	2,537	4.0%	2,428	3.8%	754	1.2%	170	0.2%	226	0.4%	12	0.0%	284	0.4%
51002	56,163	-519	-0.65%	33,408	59.5%	14,095	25.1%	13,382	23.8%	8,879	15.8%	264	0.3%	3,477	6.2%	100	0.1%	3,616	4.5%
51003	64,745	573	0.72%	62,065	95.9%	1,965	3.0%	1,883	2.9%	327	0.5%	70	0.1%	294	0.5%	8	0.0%	83	0.1%
51004	64,195	436	0.54%	62,070	96.7%	1,399	2.2%	1,319	2.1%	541	0.8%	97	0.1%	161	0.3%	3	0.0%	230	0.3%
51005	64,337	590	0.74%	61,274	95.2%	1,769	2.7%	1,656	2.6%	1,353	2.1%	117	0.1%	211	0.3%	18	0.0%	622	0.8%
51006	62,988	-402	-0.50%	60,788	96.5%	1,263	2.0%	1,165	1.8%	813	1.3%	113	0.1%	171	0.3%	11	0.0%	374	0.5%
51007	64,401	136	0.17%	59,855	92.9%	2,681	4.2%	2,479	3.8%	1,137	1.8%	114	0.1%	922	1.4%	18	0.0%	302	0.4%
51008	63,208	675	0.84%	58,658	92.8%	2,576	4.1%	2,427	3.8%	1,012	1.6%	128	0.2%	1,064	1.7%	16	0.0%	397	0.5%
51009	64,142	564	0.70%	56,131	87.5%	6,436	10.0%	6,309	9.8%	1,388	2.2%	165	0.2%	208	0.3%	13	0.0%	896	1.1%
51010	57,050	607	0.76%	44,095	77.3%	5,113	9.0%	4,769	8.4%	6,259	11.0%	173	0.2%	4,041	7.1%	28	0.0%	2,676	3.3%
51011	62,356	122	0.15%	39,559	63.4%	19,679	31.6%	19,127	30.7%	3,146	5.0%	174	0.2%	1,049	1.7%	33	0.0%	1,402	1.7%
51012	69,034	482	0.60%	60,408	87.5%	3,206	4.6%	2,888	4.2%	1,618	2.3%	138	0.2%	3,927	5.7%	22	0.0%	484	0.6%
51013	58,290	569	0.71%	56,735	63.0%	7,965	13.7%	7,432	12.8%	12,955	22.2%	288	0.4%	5,600	9.6%	46	0.1%	6,227	7.7%
51014	62,379	-603	-0.75%	39,414	63.2%	21,395	34.3%	21,176	33.9%	1,461	2.3%	114	0.1%	415	0.7%	15	0.0%	774	1.0%
51015	62,907	620	0.77%	59,863	95.2%	1,249	2.0%	1,132	1.8%	2,048	3.3%	150	0.2%	281	0.4%	14	0.0%	920	1.1%
51016	63,086	-318	-0.40%	44,381	70.4%	17,193	27.3%	16,985	26.9%	1,595	2.5%	143	0.2%	276	0.4%	5	0.0%	849	1.1%
51017	63,576	621	0.78%	57,265	90.1%	3,957	6.2%	3,751	5.9%	1,309	2.1%	118	0.1%	1,368	2.2%	19	0.0%	412	0.5%
51018	59,686	-560	-0.70%	52,508	88.0%	4,711	7.9%	4,468	7.5%	2,635	4.4%	195	0.2%	686	1.1%	36	0.0%	990	1.2%
51019	62,844	70	0.09%	58,171	92.6%	3,776	6.0%	3,642	5.8%	639	1.0%	160	0.2%	249	0.4%	15	0.0%	140	0.2%
51020	62,717	-676	-0.84%	55,842	89.0%	5,334	8.5%	5,030	8.0%	1,608	2.6%	138	0.2%	390	0.6%	16	0.0%	614	0.8%
51021	58,656	-402	-0.50%	34,776	59.3%	14,351	24.5%	13,706	23.4%	3,432	5.9%	163	0.2%	7,249	12.4%	69	0.1%	1,080	1.4%
51022	61,467	-703	-0.88%	47,057	76.6%	12,754	20.7%	12,479	20.3%	1,179	1.9%	155	0.2%	729	1.2%	21	0.0%	385	0.5%
51023	63,982	-680	-0.85%	51,425	80.4%	9,722	15.2%	9,408	14.7%	1,543	2.4%	264	0.3%	1,473	2.3%	28	0.0%	680	0.9%
51024	64,424	-332	-0.41%	57,333	89.0%	5,604	8.7%	5,395	8.4%	990	1.5%	316	0.4%	375	0.6%	19	0.0%	327	0.4%
51025	61,585	1	0.00%	57,373	93.2%	2,289	3.7%	2,140	3.5%	1,717	2.8%	101	0.1%	656	1.1%	10	0.0%	783	1.0%
51026	65,566	678	0.85%	56,466	86.1%	3,020	4.6%	2,714	4.1%	6,380	9.7%	193	0.2%	1,609	2.5%	62	0.1%	3,382	4.2%
51027	58,903	-541	-0.68%	40,374	68.5%	14,034	23.8%	13,611	23.1%	3,504	5.9%	250	0.3%	1,830	3.1%	36	0.0%	1,836	2.3%
51028	58,388	-706	-0.88%	43,126	73.9%	10,909	18.7%	10,399	17.8%	4,374	7.5%	298	0.4%	1,491	2.6%	56	0.1%	1,689	2.1%
51029	61,320	-159	-0.20%	53,930	87.9%	3,749	6.1%	3,482	5.7%	4,035	6.6%	181	0.2%	849	1.4%	16	0.0%	2,074	2.6%
51030	61,276	573	0.72%	48,944	79.9%	9,439	15.4%	9,097	14.8%	3,171	5.2%	202	0.3%	595	1.0%	42	0.1%	1,541	1.9%
51031	56,743	-800	-1.00%	37,294	65.7%	11,839	20.9%	11,228	19.8%	7,182	12.7%	307	0.4%	3,361	5.9%	102	0.1%	2,740	3.5%
51032	55,263	258	0.32%	39,133	70.8%	4,550	8.2%	4,228	7.7%	4,881	8.8%	122	0.2%	8,777	15.9%	32	0.0%	1,500	1.9%
51033	57,140	540	0.67%	50,780	88.9%	2,931	5.1%	2,723	4.8%	3,123	5.5%	135	0.2%	1,542	2.7%	38	0.0%	1,127	1.4%
51034	57,978	712	0.89%	44,921	77.5%	2,153	3.7%	1,954	3.4%	3,835	6.6%	108	0.1%	8,542	14.7%	29	0.0%	1,138	1.4%
51035	62,743	203	0.25%	42,985	68.5%	3,374	5.4%	3,058	4.9%	5,932	9.5%	146	0.2%	12,585	20.1%	51	0.1%	2,065	2.6%
51036	61,859	-264	-0.33%	43,038	69.6%	5,581	9.0%	5,178	8.4%	6,069	9.8%	164	0.2%	9,533	15.4%	29	0.0%	2,172	2.7%
51037	63,480	245	0.31%	38,998	61.4%	5,321	8.4%	4,882	7.7%	7,714	12.2%	191	0.2%	14,688	23.1%	39	0.0%	2,639	3.3%
51038	62,463	748	0.93%	33,887	54.3%	6,100	9.8%	5,761	9.2%	18,684	29.9%	367	0.5%	12,217	19.6%	41	0.1%	7,851	9.7%
51039	61,870	700	0.87%	37,283	60.3%	5,810	9.4%	5,479	8.9%	10,921	17.7%	265	0.3%	12,080	19.5%	58	0.1%	4,758	5.9%
51040	58,415	719	0.90%	41,056	70.3%	3,998	6.8%	3,675	6.3%	5,322	9.1%	169	0.2%	10,133	17.3%	52	0.1%	1,856	2.3%
51041	60,765	782	0.98%	41,973	69.1%	3,586	5.9%	3,348	5.5%	6,992	11.5%	128	0.2%	11,598	19.1%	46	0.1%	2,058	2.5%
51042	58,066	-46	-0.06%	41,053	70.7%	5,871	10.1%	5,523	9.5%	4,910	8.5%	182	0.2%	8,295	14.3%	75	0.1%	1,309	1.6%
51043	62,318	740	0.92%	38,605	61.9%	10,967	17.6%	10,418	16.7%	8,829	14.2%	202	0.3%	7,668	12.3%	65	0.1%	3,407	4.2%
51044	59,112	786	0.98%	33,967	57.5%	13,291	22.5%	12,763	21.6%	12,893	21.8%	268	0.3%	4,055	6.9%	63	0.1%	6,186	7.7%
51045	67,692	230	0.29%	51,797	76.5%	8,015	11.8%	7,546	11.1%	8,358	12.3%	296	0.4%	2,791	4.1%	57	0.1%	3,534	4.4%
51046	66,262	323	0.40%	35,868	54.1%	18,779	28.3%	17,958	27.1%	10,253	15.5%	238	0.3%	5,512	8.3%	74	0.1%	4,315	5.4%
51047	68,384	747	0.93%	53,109	77.7%	3,562	5.2%	3,223	4.7%	8,449	12.4%	345	0.4%	6,473	9.5%	42	0.1%	3,328	4.1%
51048	64,068	-518	-0.65%	51,895	81.0%	3,124	4.9%	2,799	4.4%	4,435	6.9%	148	0.2%	6,686	10.4%	42	0.1%	1,000	1.3%
51049	66,373	599	0.75%	36,838	55.5%	11,477	17.3%	10,818	16.3%	16,346	24.6%	390	0.5%	8,469	12.8%	79	0.1%	7,129	8.8%
51050	55,689	667	0.83%	35,574	63.9%	8,254	14.8%	7,710	13.8%	13,405	24.1%	274	0.3%	4,143	7.4%	77	0.1%	6,115	7.6%
51051	58,448	362	0.45%	41,641	71.2%	9,240	15.8%	8,738	15.0%	6,847	11.7%	311	0.4%	3,531	6.0%	67	0.1%	2,469	3.1%
51052	56,592	-720	-0.90%	25,644	45.3%	17,626	31.1%	16,793	29.7%	14,987	26.5%	414	0.5%	4,033	7.1%	80	0.1%	7,219	9.1%
51053	62,827	39	0.05%	39,121	62.3%	3,592	5.7%	3,292	5.2%	12,306	19.6%	284	0.4%	13,039	20.8%	40	0.1%	5,151	6.4%
51054	57,249	145	0.18%	42,858	74.9%	10,372	18.1%	9,896	17.3%	3,932	6.9%	202	0.3%	1,416	2.5%	57	0.1%	1,657	2.1%
51055	59,680	-432	-0.54%	47,737	80.0%	10,144	17.0%	9,821	16.5%	1,335	2.2%	228	0.3%	663	1.1%	24	0.0%	462	0.6%
51056	60,780	36	0.05%	47,347	77.9%	10,747	17.7%	10,491	17.3%	1,094	1.8%	165	0.2%	1,793	3.0%	24	0.0%	328	0.4%
51057	68,024	768	0.96%	48,829	71.8%	11,068	16.3%	10,520	15.5%	4,207	6.2%	188	0.2%	5,186	7.6%	34	0.0%	1,682	2.1%
51058	61,395	757	0.95%	54,936	89.5%	4,329	7.1%	4,117	6.7%	1,524	2.5%	110	0.1%	940	1.5%	17	0.0%	642	0.8%
51059	62,208	-665	-0.83%	48,415	77.8%	12,582	20.2%	12,344	19.8%	941	1.5%	172	0.2%	340	0.5%	26	0.0%	361	0.5%
51060	62,712	-791	-0.99%	41,036	65.4%	20,528	32.7%	20,290	32.4%	927	1.5%	190	0.2%	289	0.5%	19	0.0%	389	0.5%
51061	63,280	-218	-0.27%	40,447	63.9%	21,387	33.8%	21,112	33.4%	1,421	2.2%	204	0.3%	258	0.4%	15	0.0%	657	0.8%
51062	60,706	55	0.07%	38,169	62.9%	17,104	28.2%	16,594	27.3%	4,815	7.9%	731	0.9%	1,363	2.2%	57	0.1%	2,672	3.3%
51063	62,461	-574	-0.72%	25,695	41.1%	35,129	56.2%	34,613	55.4%	1,578	2.5%	203	0.3%	443	0.7%	28	0.0%	677	0.9%
51064	61,617	-558	-0.70%	41,079	66.7%	18,572	30.1%	18,163	29.5%	1,821	3.0%	291	0.4%	637	1.0%	72	0.1%	530	0.7%
51065	58,783	-328	-0.41%	50,272	85.5%	5,953	10.1%	5,763	9.8%	1,172	2.0%	116	0.1%	1,766	3.0%	18	0.0%	297	0.4%
51066	58,449	-680	-0.85%	45,270	77.5%	9,903													

51080	60,143	-86	-0.11%	26,160	43.5%	31,588	52.5%	31,021	51.6%	1,616	2.7%	254	0.3%	988	1.6%	73	0.1%	643	0.8%
51081	59,929	681	0.85%	46,145	77.0%	10,247	17.1%	9,827	16.4%	2,736	4.6%	247	0.3%	1,606	2.7%	75	0.1%	833	1.0%
51082	62,865	-506	-0.63%	52,024	82.8%	7,125	11.3%	6,572	10.5%	3,146	5.0%	245	0.3%	1,644	2.6%	78	0.1%	973	1.2%
51083	62,705	764	0.95%	43,306	69.1%	14,282	22.8%	13,702	21.9%	3,440	5.5%	252	0.3%	2,769	4.4%	82	0.1%	1,174	1.5%
51084	58,375	-355	-0.44%	38,245	65.5%	12,905	22.1%	12,315	21.1%	3,880	6.6%	235	0.3%	4,662	8.0%	122	0.2%	1,205	1.5%
51085	62,044	744	0.93%	42,008	67.7%	13,228	21.3%	12,636	20.4%	3,335	5.4%	294	0.4%	4,279	6.9%	102	0.1%	1,171	1.5%
51086	59,286	737	0.92%	34,944	58.9%	5,108	8.6%	4,802	8.1%	12,059	20.3%	219	0.3%	11,609	19.6%	33	0.0%	5,779	7.2%
51087	55,787	-735	-0.92%	32,124	57.6%	5,006	9.0%	4,654	8.3%	7,895	14.2%	147	0.2%	13,563	24.3%	42	0.1%	3,505	4.4%
51088	58,354	181	0.23%	45,104	77.3%	8,479	14.5%	7,991	13.7%	4,545	7.8%	197	0.2%	1,584	2.7%	78	0.1%	2,206	2.8%
51089	62,820	507	0.63%	26,850	42.7%	32,912	52.4%	32,204	51.3%	1,899	3.0%	192	0.2%	1,700	2.7%	47	0.1%	577	0.7%
51090	60,733	-782	-0.98%	27,546	45.4%	27,979	46.1%	27,252	44.9%	3,513	5.8%	273	0.3%	2,736	4.5%	92	0.1%	1,350	1.7%
51091	58,986	-507	-0.63%	39,836	67.5%	15,250	25.9%	14,558	24.7%	2,217	3.8%	229	0.3%	2,108	3.6%	74	0.1%	671	0.8%
51092	62,382	-51	-0.06%	22,724	36.4%	36,972	59.3%	35,936	57.6%	2,373	3.8%	282	0.4%	1,067	1.7%	64	0.1%	766	1.0%
51093	62,281	-778	-0.97%	44,052	70.7%	12,756	20.5%	12,119	19.5%	3,443	5.5%	217	0.3%	3,088	5.0%	101	0.1%	1,169	1.5%
51094	60,264	-742	-0.93%	36,779	61.0%	18,647	30.9%	17,735	29.4%	4,254	7.1%	305	0.4%	2,080	3.5%	117	0.1%	1,485	1.9%
51095	60,645	-343	-0.43%	26,657	44.0%	30,437	50.2%	29,594	48.8%	3,319	5.5%	283	0.4%	1,049	1.7%	61	0.1%	1,545	1.9%
51096	61,067	-793	-0.99%	49,447	81.0%	8,583	14.1%	8,227	13.5%	2,119	3.5%	192	0.2%	1,578	2.6%	57	0.1%	661	0.8%
51097	60,024	-624	-0.78%	51,473	85.8%	6,626	11.0%	6,433	10.7%	969	1.6%	451	0.6%	702	1.2%	20	0.0%	322	0.4%
51098	62,740	-759	-0.95%	50,614	80.7%	10,481	16.7%	10,201	16.3%	1,205	1.9%	322	0.4%	395	0.6%	17	0.0%	385	0.5%
51099	63,534	322	0.40%	46,161	72.7%	15,464	24.3%	15,150	23.8%	1,916	3.0%	278	0.3%	421	0.7%	22	0.0%	747	0.9%
51100	63,387	670	0.84%	41,814	66.0%	17,524	27.6%	17,066	26.9%	4,344	6.9%	322	0.4%	1,030	1.6%	104	0.1%	1,858	2.3%



## EXHIBIT D

DECLARATION OF KEVIN J. HAMILTON

Plan Name: Plaintiffs' Remedial Plan A

Plan Type:

Date: 11/2/2018

Time: 1:15:03AM

Administrator:

## Measures of Compactness

11/2/2018

Sum	N/A	N/A	N/A
Min	0.16	1.23	0.09
Max	0.62	2.95	0.63
Mean	0.37	1.89	0.26
Std. Dev.	0.11	0.31	0.10

DISTRICT	Reock	Schwartzberg	Polsby-Popper
51001	0.26	1.69	0.30
51002	0.30	2.17	0.18
51003	0.28	1.84	0.21
51004	0.49	1.97	0.20
51005	0.19	2.29	0.17
51006	0.27	1.82	0.26
51007	0.50	1.81	0.25
51008	0.47	1.83	0.26
51009	0.35	1.83	0.24
51010	0.23	2.16	0.18
51011	0.59	1.80	0.26
51012	0.39	1.95	0.22
51013	0.16	2.53	0.13
51014	0.24	2.34	0.16
51015	0.55	1.52	0.34
51016	0.36	2.11	0.18
51017	0.25	2.95	0.09
51018	0.62	1.92	0.24
51019	0.43	2.09	0.17
51020	0.27	2.28	0.15
51021	0.42	1.74	0.31
51022	0.20	2.59	0.11
51023	0.26	2.25	0.15
51024	0.44	1.78	0.25
51025	0.26	2.14	0.18
51026	0.46	1.57	0.36
51027	0.48	1.75	0.29
51028	0.39	1.82	0.26
51029	0.36	1.98	0.21
51030	0.53	1.49	0.36
51031	0.38	2.11	0.19
51032	0.46	1.64	0.31
51033	0.33	1.89	0.23
51034	0.24	1.91	0.22
51035	0.20	2.11	0.19
51036	0.43	1.66	0.30
51037	0.18	2.24	0.18
51038	0.62	1.44	0.45
51039	0.35	2.16	0.19
51040	0.26	2.20	0.17



DISTRICT	Reock	Schwartzberg	Polsby-Popper
51041	0.36	1.72	0.32
51042	0.35	2.09	0.20
51043	0.22	2.10	0.21
51044	0.43	1.69	0.32
51045	0.29	1.81	0.26
51046	0.52	1.28	0.55
51047	0.41	1.73	0.33
51048	0.18	2.24	0.16
51049	0.24	2.35	0.16
51050	0.46	1.62	0.34
51051	0.24	2.15	0.18
51052	0.23	1.92	0.25
51053	0.46	1.69	0.34
51054	0.47	1.89	0.25
51055	0.57	1.69	0.28
51056	0.45	1.85	0.26
51057	0.45	1.47	0.41
51058	0.32	2.11	0.19
51059	0.30	1.98	0.21
51060	0.38	1.62	0.31
51061	0.32	2.21	0.17
51062	0.34	1.93	0.18
51063	0.59	1.27	0.51
51064	0.29	2.12	0.17
51065	0.49	1.57	0.35
51066	0.30	1.73	0.29
51067	0.32	1.84	0.25
51068	0.34	1.74	0.31
51069	0.46	1.65	0.35
51070	0.41	2.16	0.19
51071	0.38	1.76	0.30
51072	0.29	2.18	0.20
51073	0.39	1.93	0.24
51074	0.26	1.96	0.22
51075	0.41	1.56	0.32
51076	0.45	1.44	0.47
51077	0.26	1.99	0.25
51078	0.44	1.74	0.32
51079	0.44	1.76	0.27
51080	0.39	1.85	0.28
51081	0.37	1.81	0.28
51082	0.55	1.47	0.45
51083	0.44	1.72	0.32
51084	0.41	1.74	0.30
51085	0.39	1.89	0.27
51086	0.35	1.98	0.25
51087	0.22	2.30	0.17
51088	0.28	2.56	0.13
51089	0.50	1.47	0.43
51090	0.48	1.44	0.46
51091	0.48	1.41	0.49
51092	0.32	1.74	0.31
51093	0.21	2.45	0.15
51094	0.48	1.23	0.63
51095	0.25	1.69	0.34
51096	0.20	2.19	0.17

Plan Name: Plan A  
 Plan Type: Plan A  
 Administrator: User: 10229

DISTRICT	Reock	Schwartzberg	Polsby-Popper
51097	0.43	1.73	0.21
51098	0.28	1.78	0.26
51099	0.27	1.97	0.21
51100	0.29	1.51	0.39



## EXHIBIT E

DECLARATION OF KEVIN J. HAMILTON

Plan Name: Plaintiffs' Remedial Plan A  
 Plan Type:  
 Administrator:

## Political Subdivisions Split Between Districts

Friday November 2, 2018

12:16 AM

Number of subdivisions not split:

County	83
Voting District	2,291

Number of subdivisions split into more than one district:

County	51
Voting District	82

Number of subdivision splits which affect *no* population:

County	2
Voting District	3

### Split Counts

#### County

Cases where an area is split among 2 Districts: 24  
 Cases where an area is split among 3 Districts: 14  
 Cases where an area is split among 4 Districts: 5  
 Cases where an area is split among 5 Districts: 1  
 Cases where an area is split among 6 Districts: 2  
 Cases where an area is split among 7 Districts: 3  
 Cases where an area is split among 8 Districts: 1  
 Cases where an area is split among 17 Districts: 1

#### Voting District

Cases where an area is split among 2 Districts: 80  
 Cases where an area is split among 3 Districts: 2

County	Voting District	District	Population
<i>Split Counties :</i>			
Albemarle VA		51025	21,420
Albemarle VA		51057	37,303
Albemarle VA		51058	30,929
Albemarle VA		51059	9,318
Alexandria City VA		51045	59,633
Alexandria City VA		51046	80,333
Amherst VA		51023	10,678
Amherst VA		51024	21,675
Arlington VA		51045	14,388



Plan Name:	Plaintiffs' Remedial Plan A	Administrator:	
Plan Type:		User:	
County	Voting District	District	Population
<i>Split Counties</i> (continued):			
Arlington VA		51047	80,757
Arlington VA		51048	55,008
Arlington VA		51049	57,474
Augusta VA		51020	24,485
Augusta VA		51024	17,273
Augusta VA		51025	31,992
Bedford VA		51019	22,948
Bedford VA		51022	28,780
Bedford VA		51023	16,948
Botetourt VA		51017	4,449
Botetourt VA		51019	28,699
Campbell VA		51022	17,154
Campbell VA		51059	30,664
Campbell VA		51060	7,024
Caroline VA		51054	2,484
Caroline VA		51055	19,742
Caroline VA		51099	6,319
Chesapeake City VA		51021	5,030
Chesapeake City VA		51076	2,057
Chesapeake City VA		51077	80,448
Chesapeake City VA		51078	80,037
Chesapeake City VA		51080	21,946
Chesapeake City VA		51081	32,691
Chesterfield VA		51027	79,469
Chesterfield VA		51062	40,229
Chesterfield VA		51063	13,302
Chesterfield VA		51065	51,636
Chesterfield VA		51066	61,919
Chesterfield VA		51068	44,427
Chesterfield VA		51069	25,254
Clarke VA		51010	4,309
Clarke VA		51033	9,725
Culpeper VA		51018	12,895
Culpeper VA		51030	33,794
Fairfax VA		51034	53,301
Fairfax VA		51035	80,213
Fairfax VA		51036	79,746
Fairfax VA		51037	57,690
Fairfax VA		51038	80,758
Fairfax VA		51039	80,710
Fairfax VA		51040	66,026
Fairfax VA		51041	80,792
Fairfax VA		51042	79,964
Fairfax VA		51043	80,750
Fairfax VA		51044	80,796
Fairfax VA		51045	6,219
Fairfax VA		51048	24,484
Fairfax VA		51049	23,135
Fairfax VA		51053	67,717
Fairfax VA		51067	70,636

Plan Name:	Plaintiffs' Remedial Plan A	Administrator:	
Plan Type:		User:	
County	Voting District	District	Population
<i>Split Counties</i> (continued):			
Fairfax VA		51086	68,789
Fauquier VA		51018	40,915
Fauquier VA		51031	15,101
Fauquier VA		51088	9,187
Fluvanna VA		51056	7,231
Fluvanna VA		51058	18,460
Franklin VA		51009	46,650
Franklin VA		51022	9,509
Frederick VA		51010	13,649
Frederick VA		51029	43,969
Frederick VA		51033	20,687
Fredericksburg City VA		51028	8,950
Fredericksburg City VA		51088	15,336
Hampton City VA		51091	50,673
Hampton City VA		51092	79,959
Hampton City VA		51095	6,804
Hanover VA		51055	50,481
Hanover VA		51097	49,382
Henrico VA		51056	13,165
Henrico VA		51062	9,989
Henrico VA		51070	43,739
Henrico VA		51072	80,432
Henrico VA		51073	79,730
Henrico VA		51074	79,880
Henry VA		51009	15,434
Henry VA		51014	15,368
Henry VA		51016	23,349
James City VA		51093	20,694
James City VA		51096	46,315
King William VA		51097	11,575
King William VA		51098	4,360
Loudoun VA		51010	62,659
Loudoun VA		51032	80,268
Loudoun VA		51033	50,138
Loudoun VA		51034	27,421
Loudoun VA		51067	8,997
Loudoun VA		51086	11,958
Loudoun VA		51087	70,870
Lunenburg VA		51061	8,470
Lunenburg VA		51075	4,444
Lynchburg City VA		51022	23,864
Lynchburg City VA		51023	51,704
Montgomery VA		51007	35,026
Montgomery VA		51008	17,599
Montgomery VA		51012	41,767
Nelson VA		51020	7,776
Nelson VA		51059	7,244
Newport News City VA		51093	28,588
Newport News City VA		51094	79,268
Newport News City VA		51095	72,863



Plan Name:	Plaintiffs' Remedial Plan A	Administrator:	
Plan Type:		User:	
County	Voting District	District	Population
<i>Split Counties</i> (continued):			
Norfolk City VA		51079	42,660
Norfolk City VA		51083	5,271
Norfolk City VA		51089	80,517
Norfolk City VA		51090	79,228
Norfolk City VA		51100	35,127
Pittsylvania VA		51014	20,984
Pittsylvania VA		51016	42,522
Portsmouth City VA		51079	37,557
Portsmouth City VA		51080	57,978
Prince George VA		51062	0
Prince George VA		51063	5,713
Prince George VA		51064	30,012
Prince William VA		51002	45,961
Prince William VA		51013	66,306
Prince William VA		51031	64,109
Prince William VA		51040	14,703
Prince William VA		51050	42,856
Prince William VA		51051	80,372
Prince William VA		51052	79,290
Prince William VA		51087	8,405
Pulaski VA		51007	29,841
Pulaski VA		51012	5,031
Richmond City VA		51068	34,791
Richmond City VA		51069	54,235
Richmond City VA		51070	35,673
Richmond City VA		51071	79,515
Roanoke City VA		51011	80,132
Roanoke City VA		51017	16,900
Roanoke VA		51008	33,094
Roanoke VA		51017	59,282
Rockingham VA		51015	4,966
Rockingham VA		51025	26,599
Rockingham VA		51026	31,774
Rockingham VA		51058	12,975
Russell VA		51003	4,583
Russell VA		51004	24,314
Smyth VA		51005	11,877
Smyth VA		51006	20,331
Spotsylvania VA		51054	77,671
Spotsylvania VA		51055	9,355
Spotsylvania VA		51056	4,780
Spotsylvania VA		51088	30,591
Stafford VA		51002	33,530
Stafford VA		51028	70,354
Stafford VA		51088	25,077
Suffolk City VA		51064	7,112
Suffolk City VA		51076	77,473
Virginia Beach City VA		51021	74,578
Virginia Beach City VA		51081	48,000
Virginia Beach City VA		51082	79,504

Plan Name: Plan Type:		Administrator: User:	
Plaintiffs' Remedial Plan A			
County	Voting District	District	Population
<i>Split Counties</i> (continued):			
Virginia Beach City VA		51083	75,503
Virginia Beach City VA		51084	79,655
Virginia Beach City VA		51085	80,754
Virginia Beach City VA		51100	0
Warren VA		51015	9,629
Warren VA		51018	18,267
Warren VA		51029	9,679
Washington VA		51004	26,563
Washington VA		51005	28,313
Wise VA		51001	27,786
Wise VA		51004	13,666
York VA		51091	16,680
York VA		51093	15,882
York VA		51096	32,902
<i>Split VTDs</i> :			
Albemarle VA	East Ivy	51025	1,145
Albemarle VA	East Ivy	51057	2,444
Albemarle VA	Free Bridge	51057	4,095
Albemarle VA	Free Bridge	51058	460
Amherst VA	Amelon	51023	1,337
Amherst VA	Amelon	51024	3,458
Amherst VA	Elon	51023	834
Amherst VA	Elon	51024	2,764
Arlington VA	Jefferson	51047	1,410
Arlington VA	Jefferson	51049	3,019
Arlington VA	Oakridge	51045	1,705
Arlington VA	Oakridge	51049	3,511
Augusta VA	Fishersville	51020	707
Augusta VA	Fishersville	51025	4,104
Augusta VA	White Hill	51020	1,157
Augusta VA	White Hill	51024	2,331
Bedford VA	Liberty High School	51019	838
Bedford VA	Liberty High School	51023	2,152
Bedford VA	Thaxton Elem School	51019	765
Bedford VA	Thaxton Elem School	51023	1,843
Chesapeake City VA	Bells Mill Ii	51078	546
Chesapeake City VA	Bells Mill Ii	51081	2,760
Chesterfield VA	Bailey Bridge	51027	4,061
Chesterfield VA	Bailey Bridge	51066	1,849
Chesterfield VA	Enon	51062	3,961
Chesterfield VA	Enon	51066	932
Chesterfield VA	Evergreen	51027	4,161
Chesterfield VA	Evergreen	51065	2,713
Chesterfield VA	Evergreen	51068	358
Clarke VA	Millwood	51010	1,693
Clarke VA	Millwood	51033	78
Fairfax VA	Baileys	51038	4,068
Fairfax VA	Baileys	51049	3,004
Fairfax VA	Belle Haven	51044	3,232



Plan Name: Plan Type:		Plaintiffs' Remedial Plan A	Administrator: User:
County	Voting District	District	Population
<i>Split VTDs</i> (continued):			
Fairfax VA	Belle Haven	51045	179
Fairfax VA	Belvoir	51043	3,167
Fairfax VA	Belvoir	51044	2,216
Fairfax VA	Camelot	51039	1,381
Fairfax VA	Camelot	51053	407
Fairfax VA	Flint Hill	51035	2,035
Fairfax VA	Flint Hill	51036	3,897
Fairfax VA	Franklin	51067	1,228
Fairfax VA	Franklin	51086	3,530
Fairfax VA	Hayfield	51043	658
Fairfax VA	Hayfield	51044	3,178
Fairfax VA	Huntington	51043	5,464
Fairfax VA	Huntington	51045	320
Fairfax VA	Kinross	51067	3,186
Fairfax VA	Kinross	51086	3,128
Fairfax VA	Lake Braddock	51039	388
Fairfax VA	Lake Braddock	51041	6,417
Fairfax VA	Lane	51039	3,307
Fairfax VA	Lane	51043	2,015
Fairfax VA	Lees Corner West	51067	3,177
Fairfax VA	Lees Corner West	51086	2,463
Fairfax VA	London Towne West	51037	4,019
Fairfax VA	London Towne West	51040	1,825
Fairfax VA	Lorton	51042	0
Fairfax VA	Lorton	51043	4,353
Fairfax VA	Mosby	51035	2,906
Fairfax VA	Mosby	51037	6,928
Fairfax VA	Pohick	51041	3,303
Fairfax VA	Pohick	51042	2,489
Fairfax VA	Salona	51034	1,236
Fairfax VA	Salona	51048	2,387
Fairfax VA	Stone	51037	3,052
Fairfax VA	Stone	51067	2,902
Fairfax VA	Vale	51036	907
Fairfax VA	Vale	51067	3,094
Fairfax VA	Weyanoke	51038	5,130
Fairfax VA	Weyanoke	51039	1,022
Fairfax VA	Willow Springs	51037	3,327
Fairfax VA	Willow Springs	51040	3,764
Fairfax VA	Woodson	51037	4,956
Fairfax VA	Woodson	51041	2,358
Fairfax VA	Woodyard	51040	1,101
Fairfax VA	Woodyard	51042	1,646
Frederick VA	Parkins Mill	51010	6,942
Frederick VA	Parkins Mill	51029	1,263
Fredericksburg City VA	District 4	51028	698
Fredericksburg City VA	District 4	51088	1,523
Hampton City VA	Bethel	51091	4,800
Hampton City VA	Bethel	51095	548

Plan Name:	Plaintiffs' Remedial Plan A	Administrator:	
Plan Type:		User:	
County	Voting District	District	Population
<i>Split VTDs (continued):</i>			
Henrico VA	Pleasants	51070	4,243
Henrico VA	Pleasants	51074	1,046
Henry VA	Axton	51014	353
Henry VA	Axton	51016	1,782
King William VA	Courthouse	51097	2,129
King William VA	Courthouse	51098	143
Loudoun VA	Belmont Ridge	51010	3,034
Loudoun VA	Belmont Ridge	51032	4,058
Loudoun VA	Countryside	51032	948
Loudoun VA	Countryside	51087	1,928
Loudoun VA	Dulles South	51067	6,329
Loudoun VA	Dulles South	51087	11
Loudoun VA	Mill Run	51032	3,722
Loudoun VA	Mill Run	51087	1,180
Loudoun VA	Park View	51086	2,336
Loudoun VA	Park View	51087	2,766
Loudoun VA	Philomont	51010	1,402
Loudoun VA	Philomont	51033	1,105
Loudoun VA	Pinebrook	51010	2,399
Loudoun VA	Pinebrook	51087	2,325
Lunenburg VA	Brown's Store	51061	1,040
Lunenburg VA	Brown's Store	51075	265
Lunenburg VA	Peoples Community Center	51061	725
Lunenburg VA	Peoples Community Center	51075	207
Lunenburg VA	Rosebud	51061	557
Lunenburg VA	Rosebud	51075	747
Lunenburg VA	Victoria Public Library	51061	1,086
Lunenburg VA	Victoria Public Library	51075	1,336
Montgomery VA	E-1	51007	10,740
Montgomery VA	E-1	51012	654
Newport News City VA	Lee Hall	51093	3,023
Newport News City VA	Lee Hall	51094	6,789
Newport News City VA	McIntosh	51093	2,317
Newport News City VA	McIntosh	51094	2,340
Norfolk City VA	Lafayette-Winona	51089	1,026
Norfolk City VA	Lafayette-Winona	51090	2,339
Portsmouth City VA	Nine	51079	2,752
Portsmouth City VA	Nine	51080	402
Prince George VA	Courts Bldg	51062	0
Prince George VA	Courts Bldg	51064	3,810
Prince George VA	Templeton	51063	1,044
Prince George VA	Templeton	51064	3,579
Prince William VA	Alvey	51040	2,244
Prince William VA	Alvey	51087	4,913
Prince William VA	Battlefield	51013	80
Prince William VA	Battlefield	51040	5,599
Prince William VA	Benton	51031	2,848
Prince William VA	Benton	51051	1,805
Prince William VA	Godwin	51031	3,710



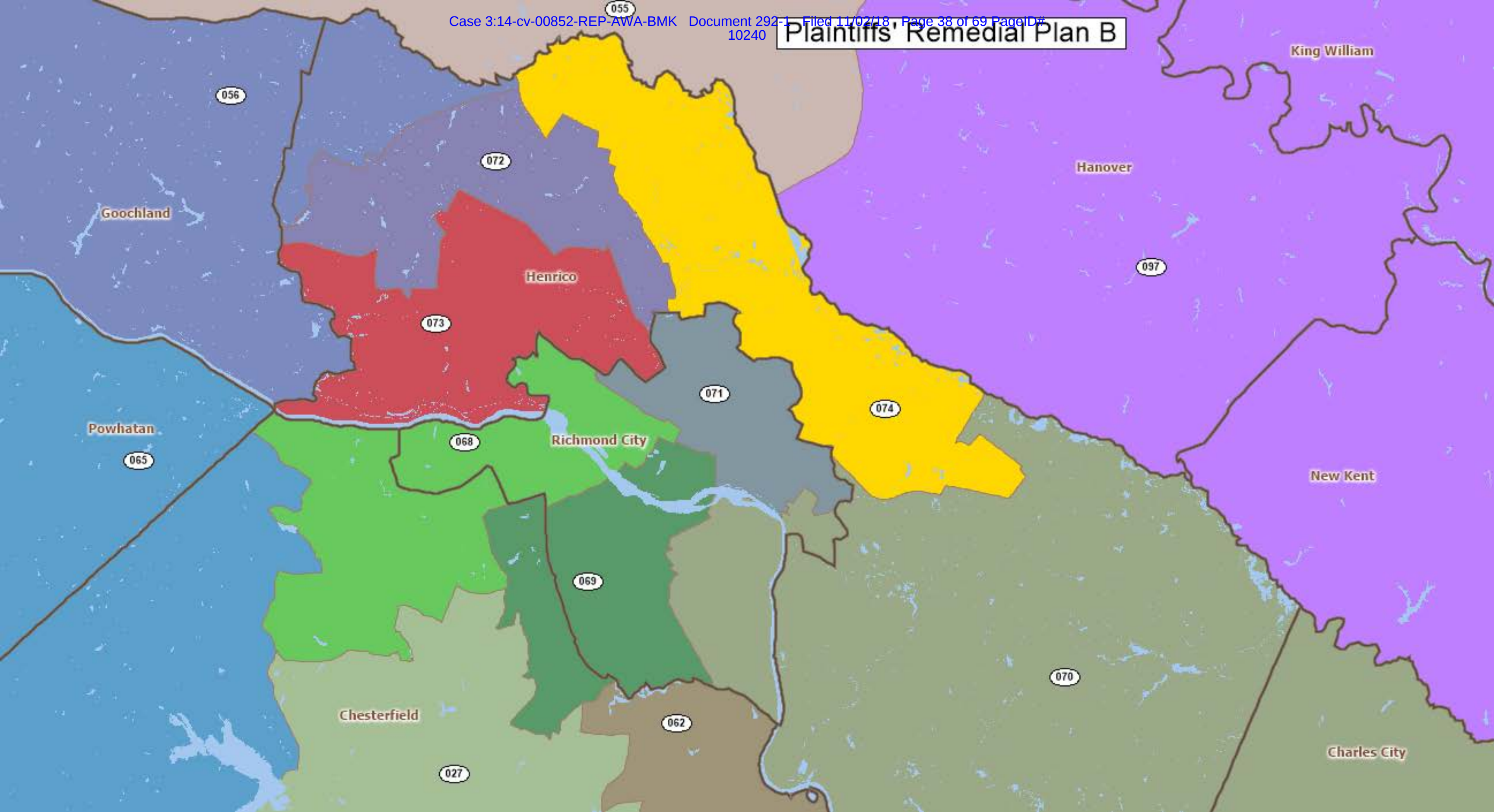
Plan Name:	Plaintiffs' Remedial Plan A	Administrator:	
Plan Type:		User:	
County	Voting District	District	Population
<i>Split VTDs (continued):</i>			
Prince William VA	Godwin	51052	4,449
Prince William VA	Henderson	51031	3,800
Prince William VA	Henderson	51052	2,700
Prince William VA	Minnieville	51031	456
Prince William VA	Minnieville	51052	4,819
Prince William VA	Stonewall	51013	5,472
Prince William VA	Stonewall	51050	1,141
Richmond City VA	707	51070	86
Richmond City VA	707	51071	5,576
Roanoke VA	Penn Forest	51008	1,911
Roanoke VA	Penn Forest	51017	417
Rockingham VA	Plains	51015	1,664
Rockingham VA	Plains	51026	1,998
Russell VA	Honaker	51003	1,463
Russell VA	Honaker	51004	2,591
Spotsylvania VA	Brokenburg	51054	1,530
Spotsylvania VA	Brokenburg	51055	1,384
Spotsylvania VA	Brokenburg	51056	1,562
Stafford VA	Hampton	51028	4,244
Stafford VA	Hampton	51088	1,168
Stafford VA	Whitson	51002	1,537
Stafford VA	Whitson	51088	3,512
Virginia Beach City VA	Aragona	51083	3,841
Virginia Beach City VA	Aragona	51085	3,439
Virginia Beach City VA	Chesapeake Beach	51083	8,310
Virginia Beach City VA	Chesapeake Beach	51100	0
Virginia Beach City VA	London Bridge	51082	4,803
Virginia Beach City VA	London Bridge	51084	763
Wise VA	East Pound	51001	1,168
Wise VA	East Pound	51004	1,416
York VA	Coventry	51091	3,668
York VA	Coventry	51093	5,134
York VA	Edgehill	51093	2,346
York VA	Edgehill	51096	2,989

## EXHIBIT F

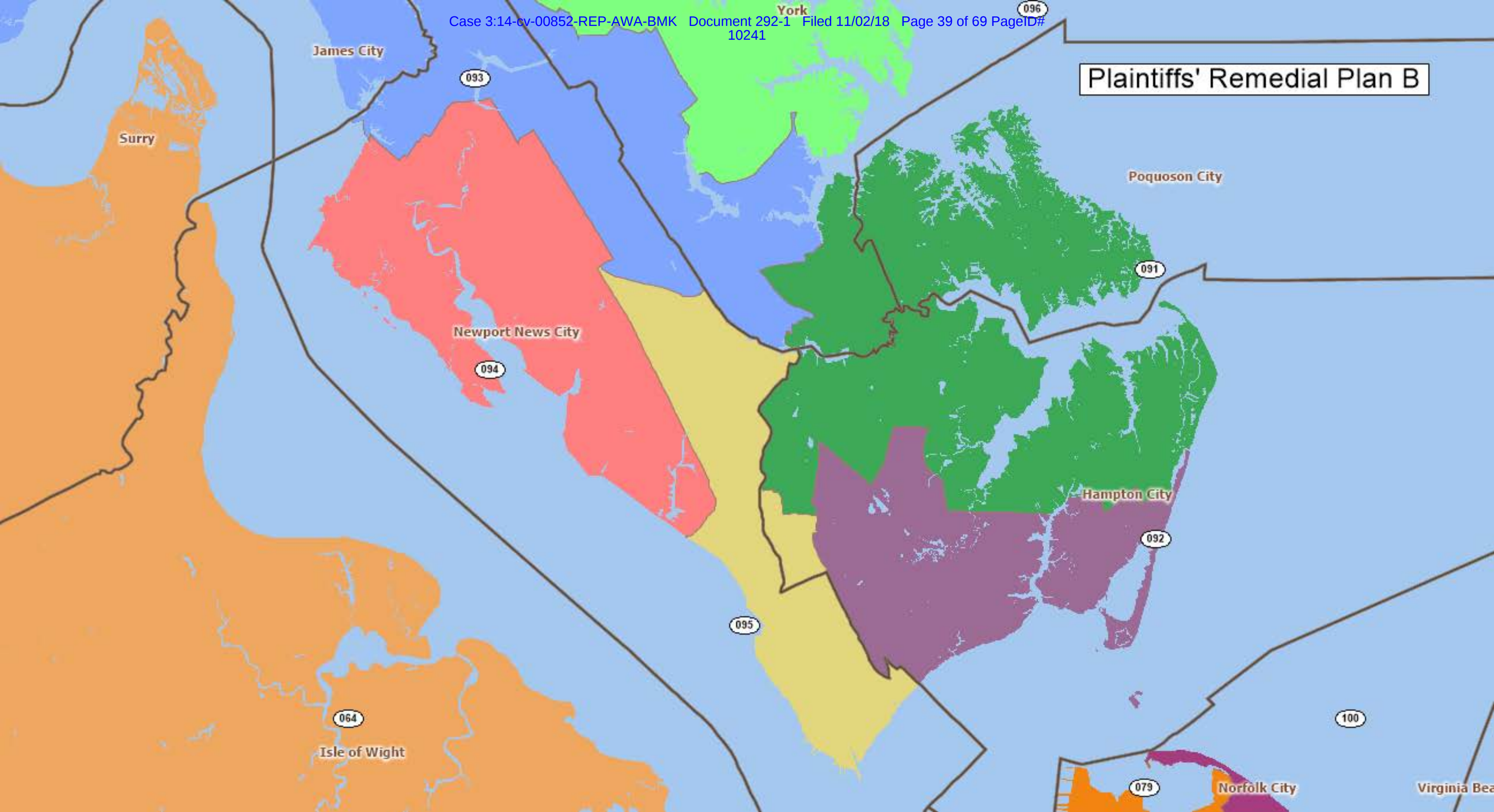
DECLARATION OF KEVIN J. HAMILTON



# Plaintiffs' Remedial Plan B



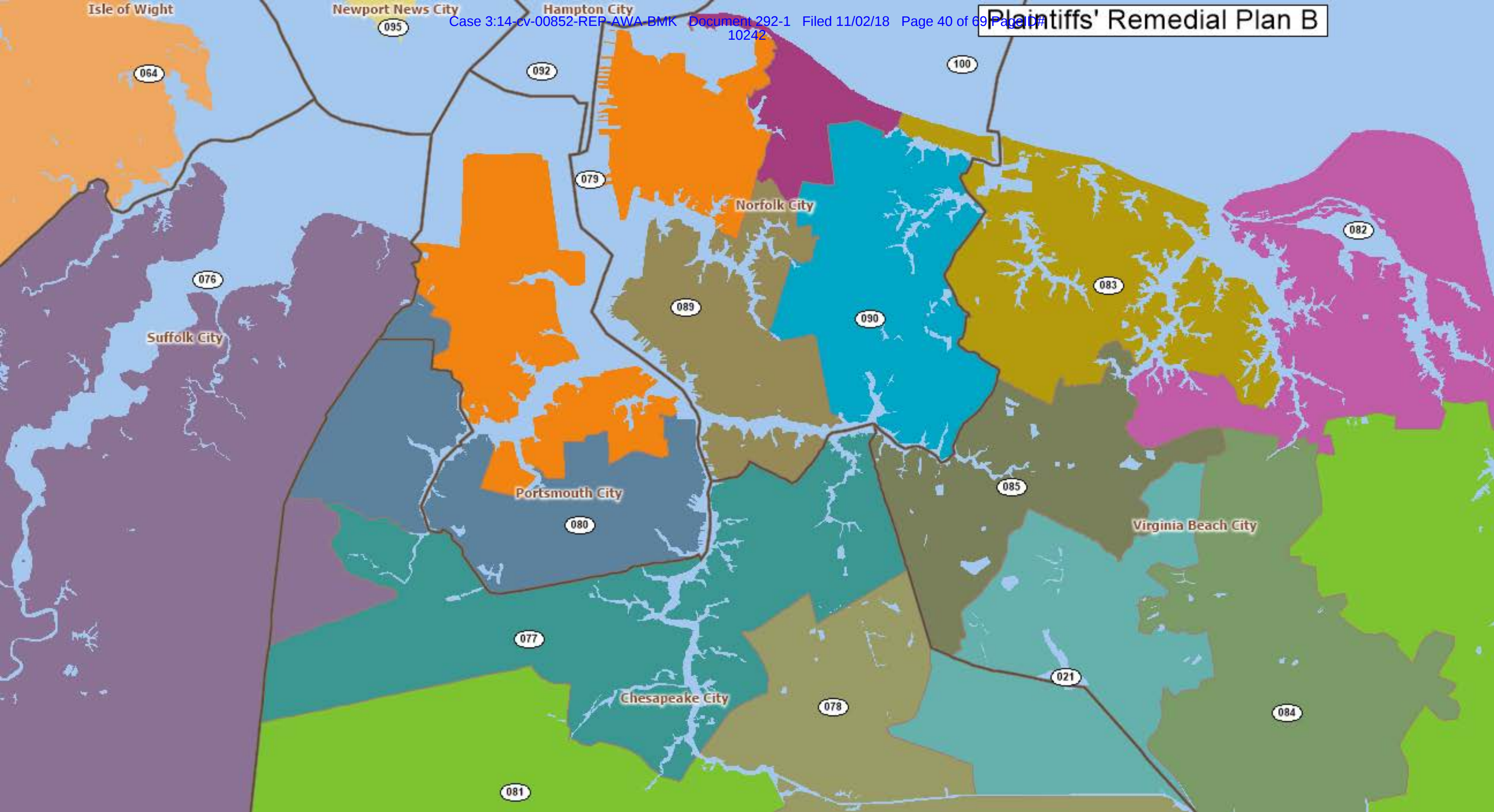




Plaintiffs' Remedial Plan B

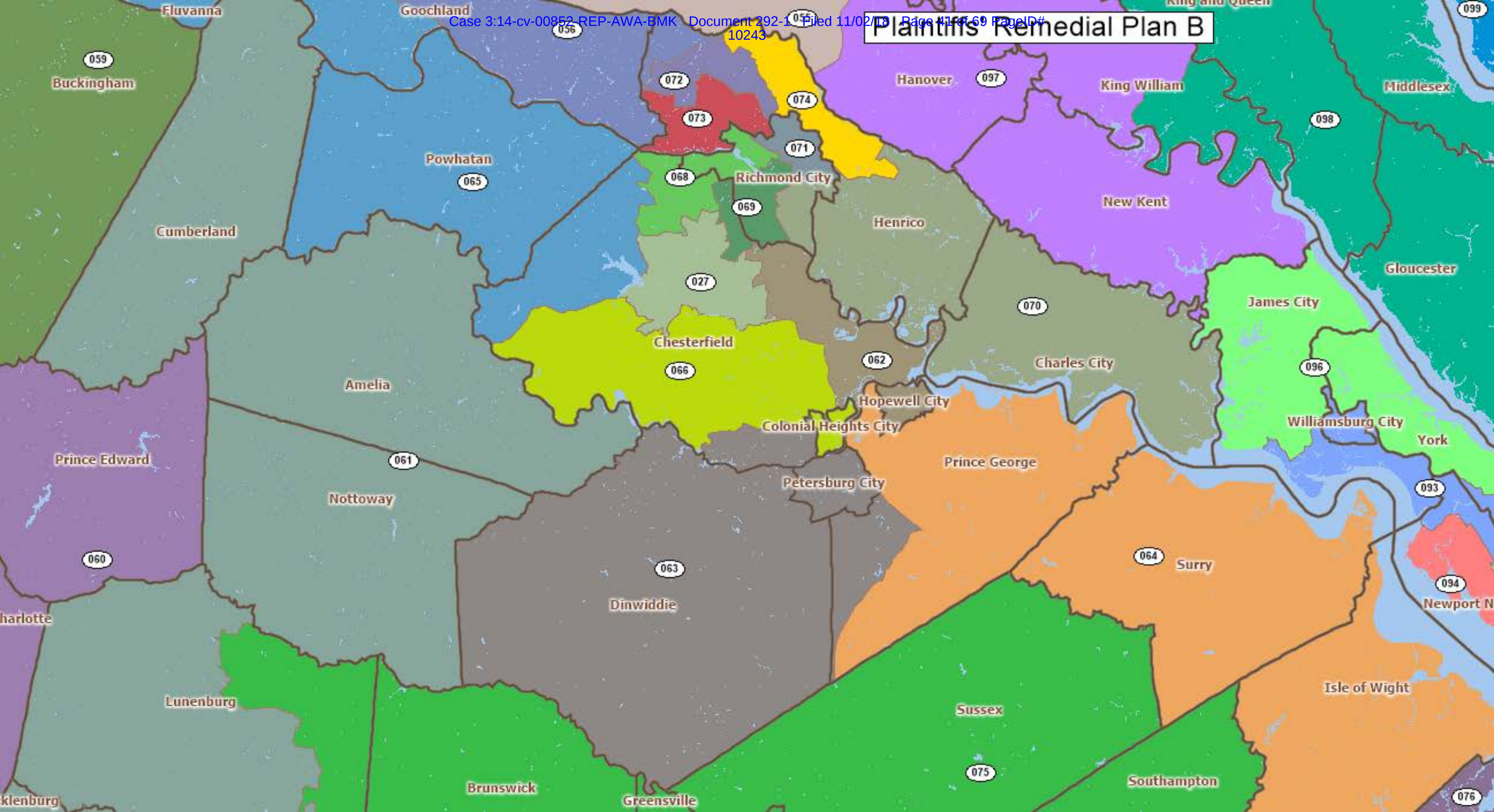


Plaintiffs' Remedial Plan B





Plaintiffs Remedial Plan B

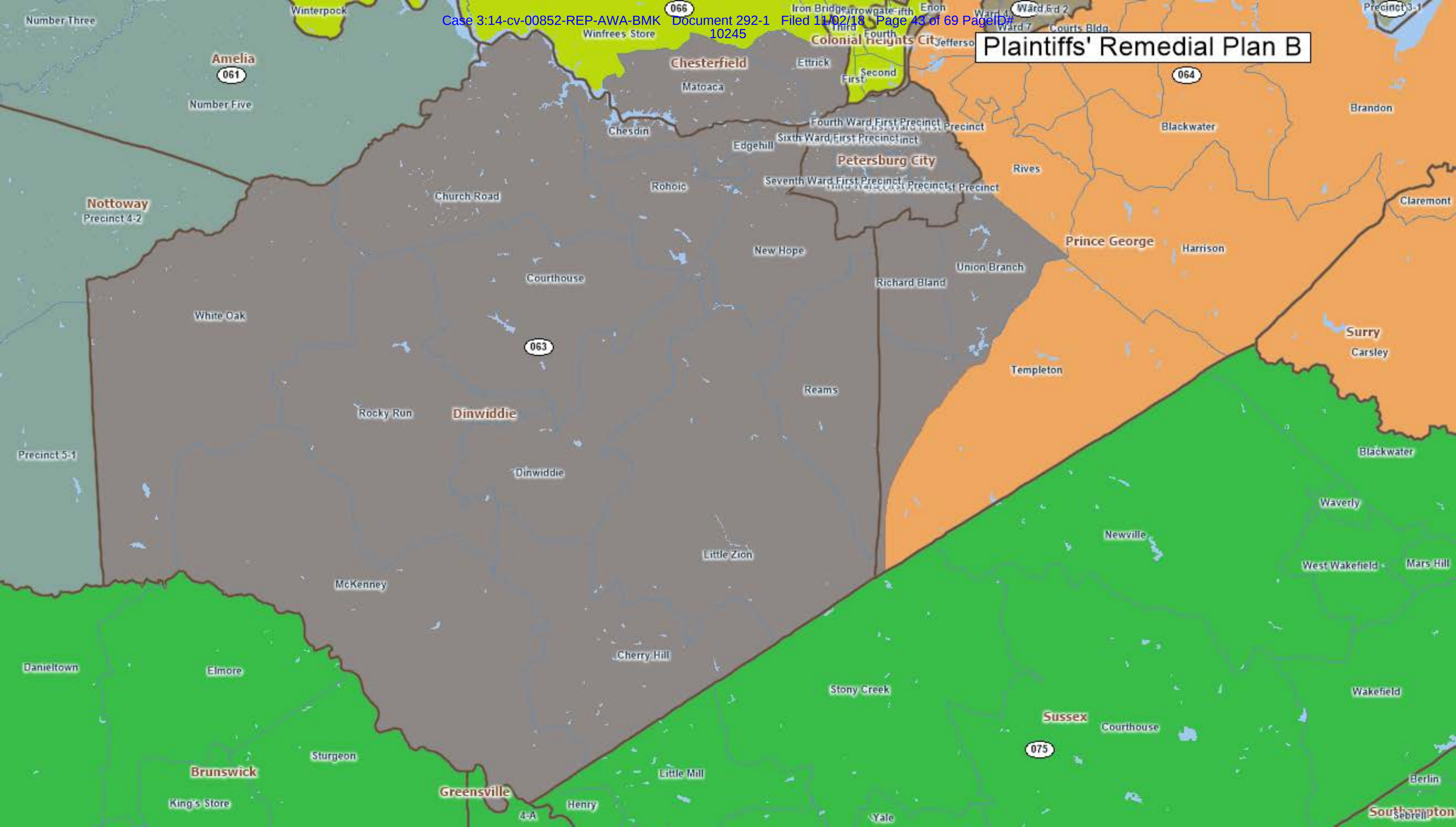




## EXHIBIT G

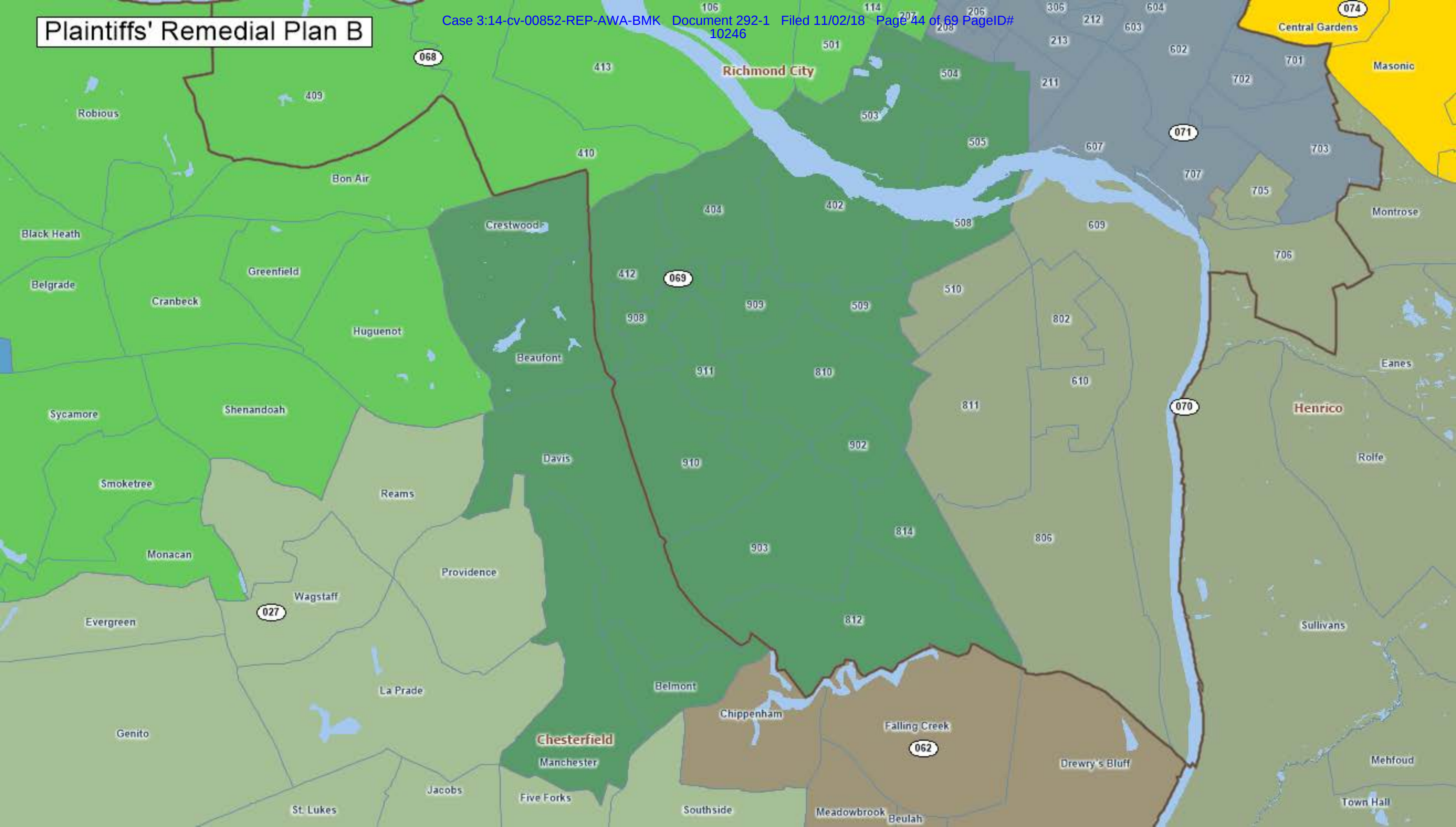
DECLARATION OF KEVIN J. HAMILTON

Plaintiffs' Remedial Plan B

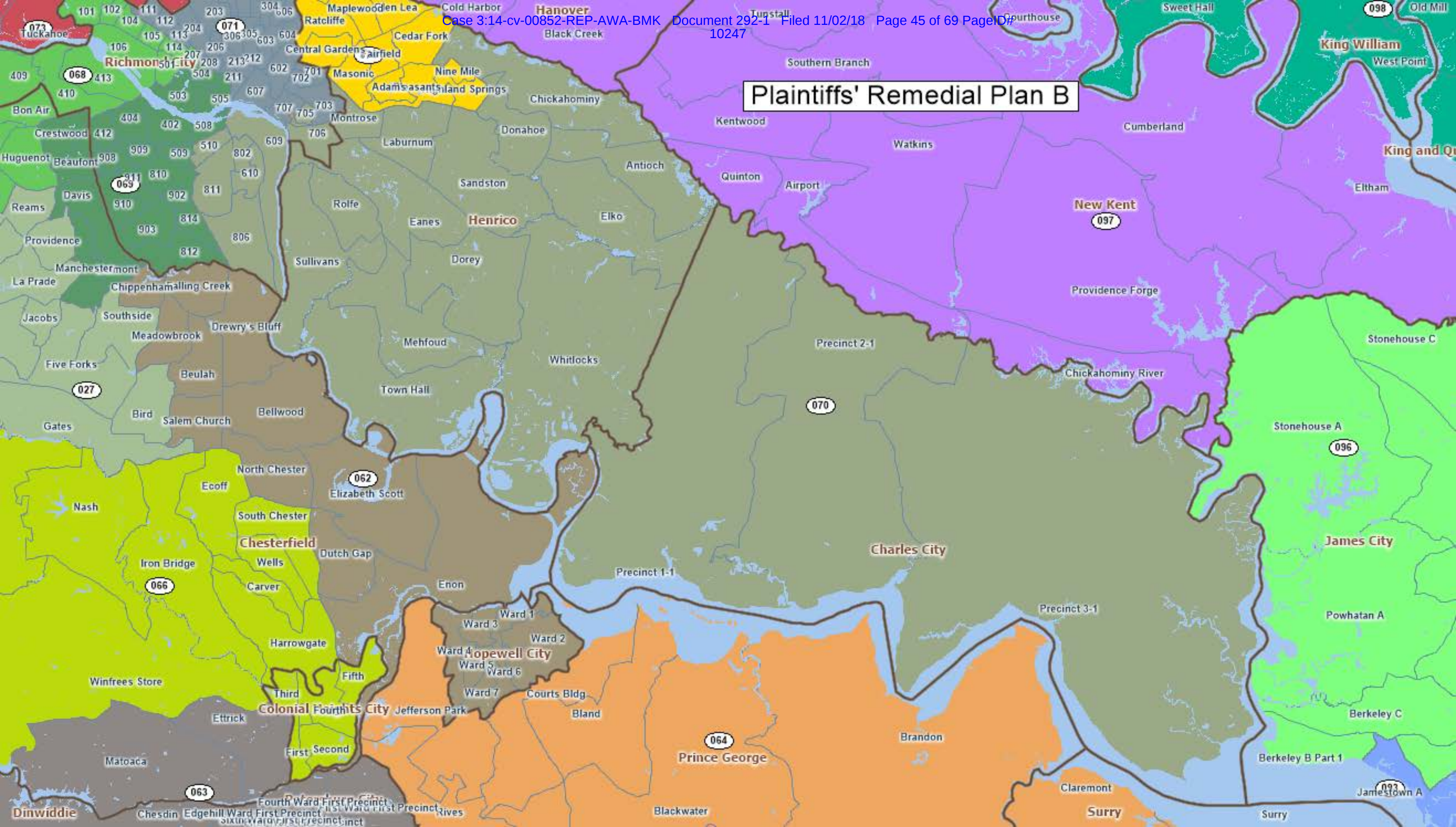




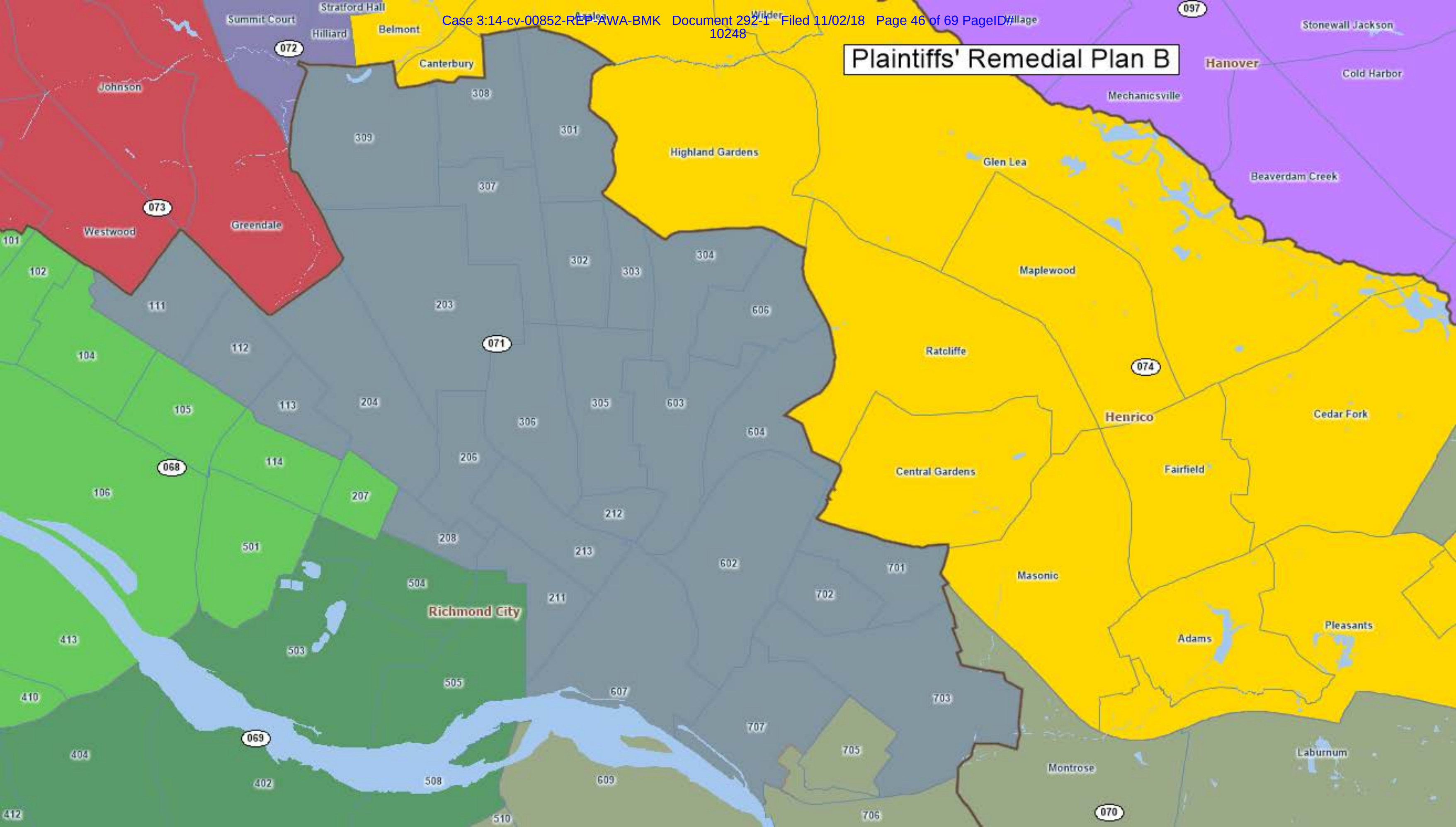
## Plaintiffs' Remedial Plan B





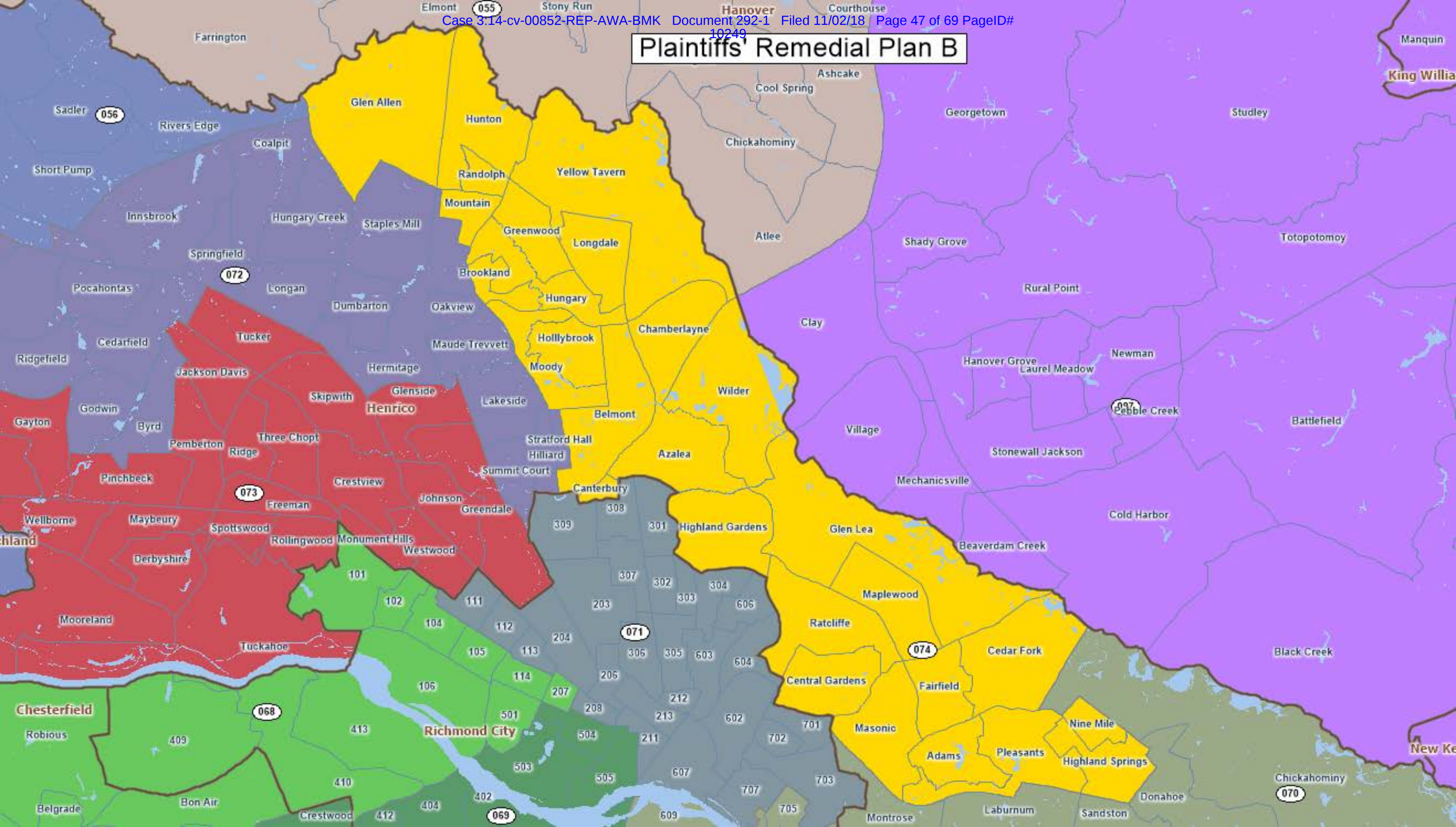








# Plaintiffs' Remedial Plan B





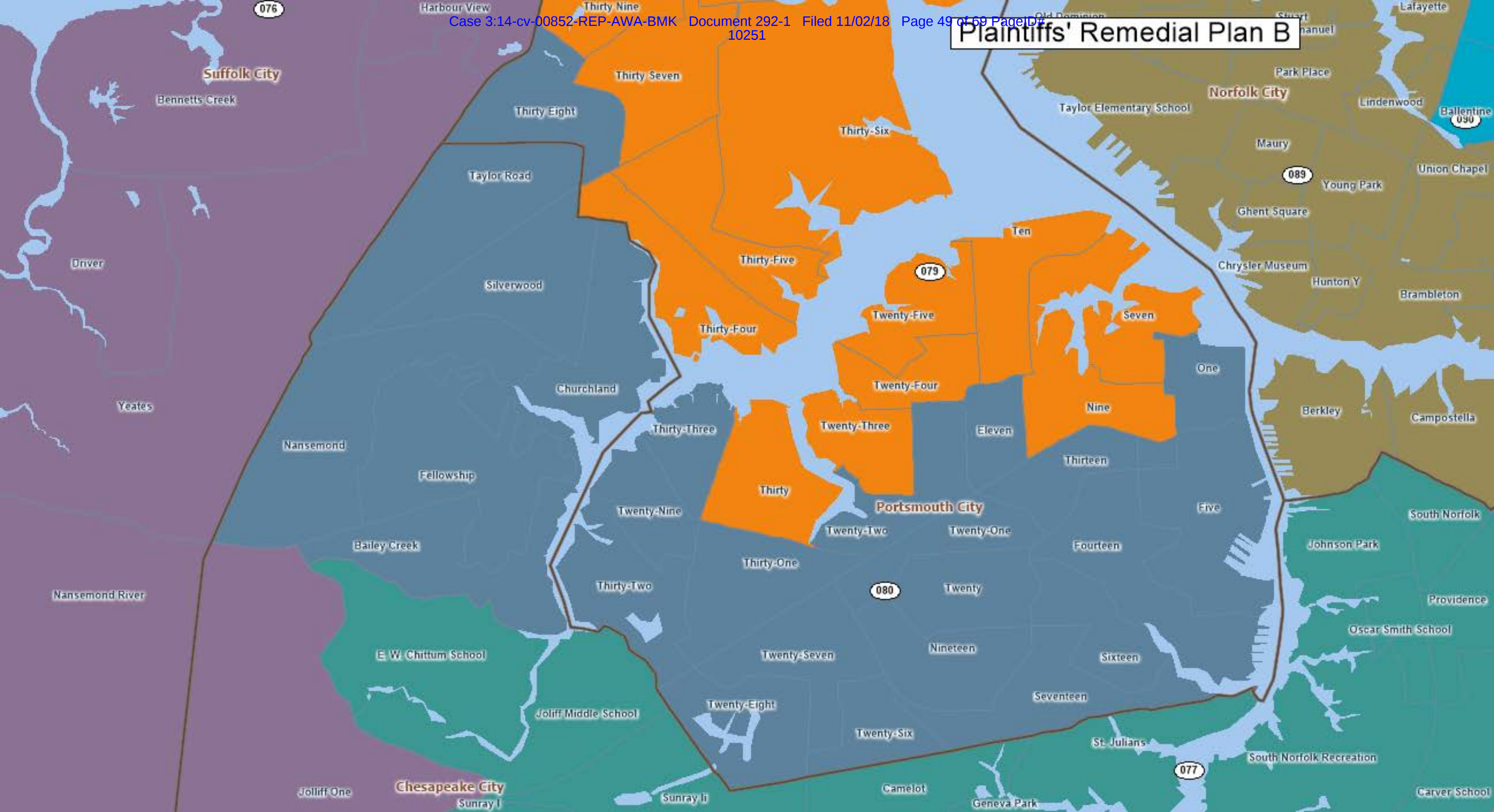
Case 3:14-cv-00852-REP-AWA-BMK Document 292-1 Filed 11/02/18 Page 48 of 69 PageID# 10250

**Plaintiffs' Remedial Plan B**

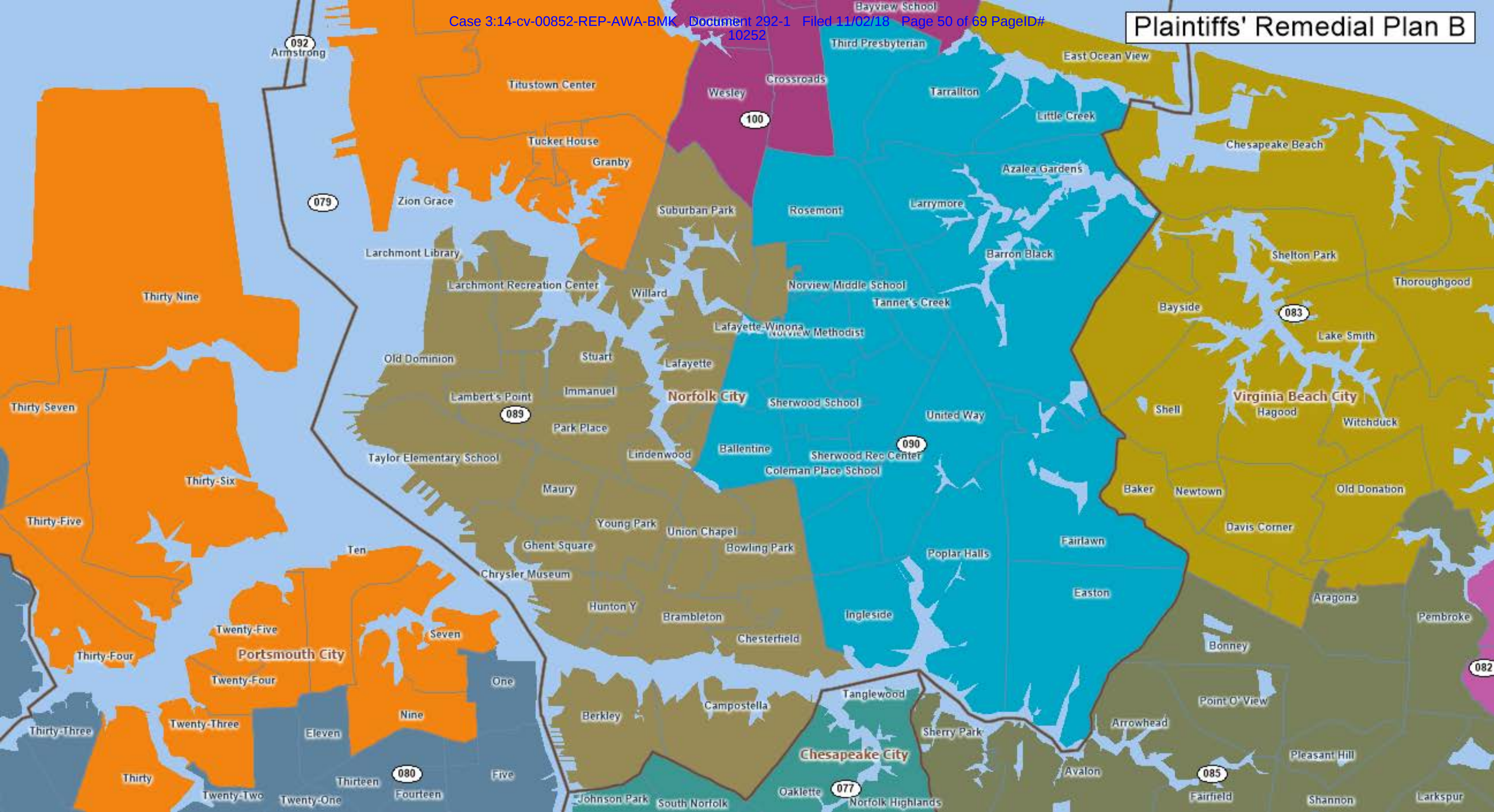
The map displays the Chesapeake Bay area, including the following locations and features:

- Cities and Towns:** Suffolk City, Portsmouth City, Chesapeake City, Virginia Beach City, Norfolk City, and various smaller communities like Tanglewood, Sherry Park, and Avalon.
- Waterways:** Chesapeake Bay, Potomac River, James River, York River, and various creeks and rivers like Bailey Creek, Jolliff Creek, and the Indian River.
- Schools:** E. W. Chittum School, Joliff Middle School, Oscar Smith School, Carver School, B. M. Williams School, and others.
- Parks and Recreation:** Johnson Park, St. Julians, South Norfolk Recreation, and others.
- Infrastructure:** Roads like 076, 077, 078, 080, 081, 085, 089, and 090.
- Other Features:** Sunray I, Sunray II, Deep Creek, Shipyard Road, River Walk, and various islands and peninsulas.

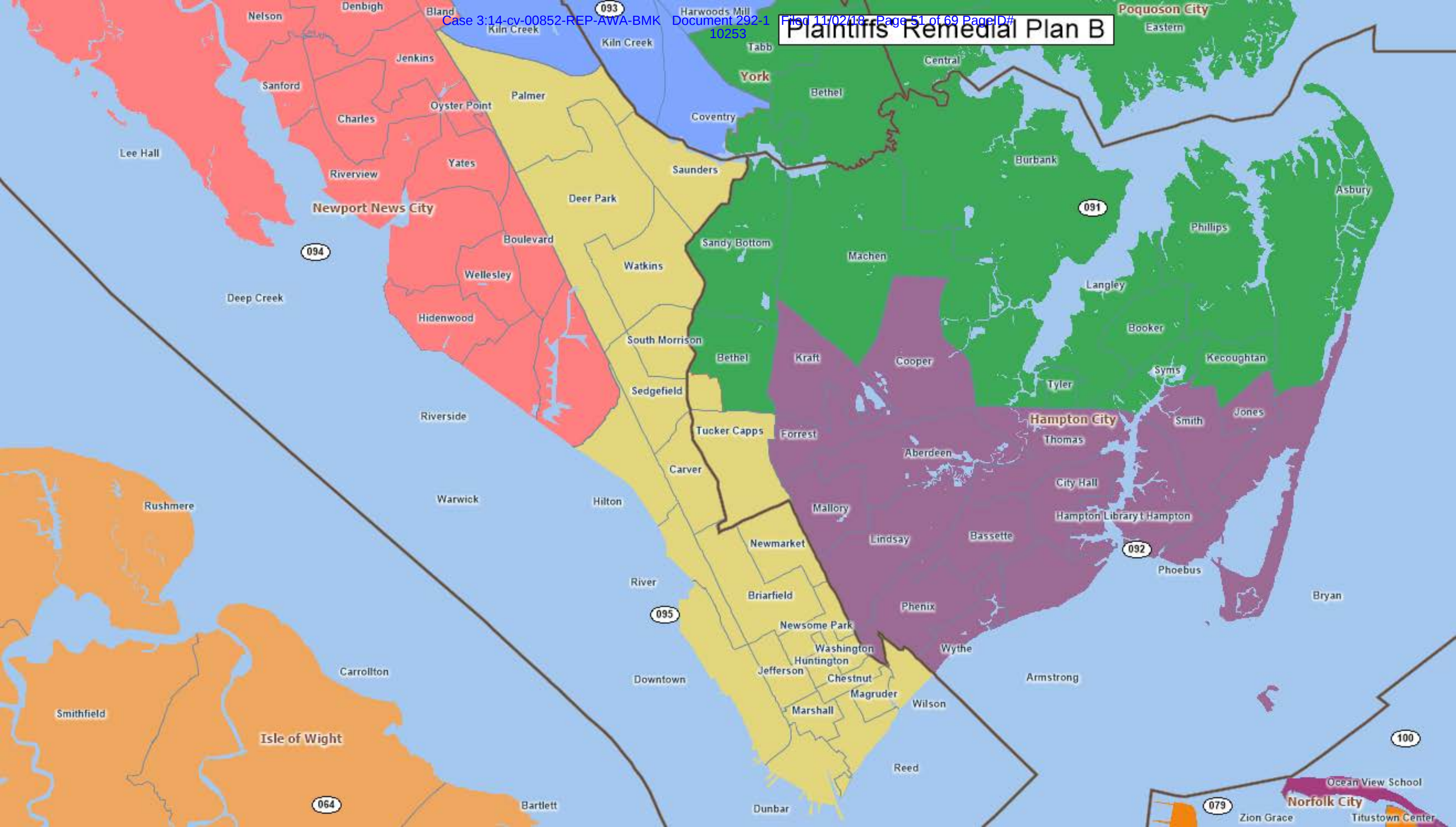














## EXHIBIT H

DECLARATION OF KEVIN J. HAMILTON

Plaintiffs' Remedial Plan B Population Summary																			
% Black																			
HD	Total Population	Deviation	% Deviation	% Black															
				White	% White	Black (alone or in Part)	Black (alone or in Part)	Black	% Black	Hispanic	% Hispanic	AIAN	% AIAN	Asian	% Asian	HawPI	% HawPI	Other	% Other
51001	80,508	498	0.62%	76,238	94.7%	2,938	3.6%	2,642	3.3%	1,032	1.3%	198	0.2%	273	0.3%	21	0.0%	378	0.5%
51002	79,491	-519	-0.65%	45,289	57.0%	21,234	26.7%	19,305	24.3%	14,019	17.6%	389	0.5%	4,714	5.9%	143	0.2%	5,537	7.0%
51003	80,583	573	0.72%	77,178	95.8%	2,453	3.0%	2,187	2.7%	471	0.6%	89	0.1%	361	0.4%	10	0.0%	141	0.2%
51004	80,446	436	0.54%	77,768	96.7%	1,687	2.1%	1,487	1.8%	833	1.0%	127	0.2%	215	0.3%	9	0.0%	323	0.4%
51005	80,600	590	0.74%	76,060	94.4%	2,670	3.3%	2,217	2.8%	2,219	2.8%	149	0.2%	279	0.3%	24	0.0%	963	1.2%
51006	79,608	-402	-0.50%	76,371	95.9%	1,847	2.3%	1,491	1.9%	1,348	1.7%	144	0.2%	233	0.3%	11	0.0%	620	0.8%
51007	80,146	136	0.17%	74,108	92.5%	3,719	4.6%	3,148	3.9%	1,636	2.0%	144	0.2%	1,036	1.3%	18	0.0%	445	0.6%
51008	80,685	675	0.84%	74,011	91.7%	3,761	4.7%	3,262	4.0%	1,558	1.9%	167	0.2%	1,519	1.9%	18	0.0%	595	0.7%
51009	80,574	564	0.70%	69,709	86.5%	8,461	10.5%	7,855	9.7%	2,349	2.9%	205	0.3%	272	0.3%	13	0.0%	1,447	1.8%
51010	80,617	607	0.76%	60,881	75.5%	7,711	9.6%	6,650	8.2%	9,800	12.2%	276	0.3%	5,836	7.2%	34	0.0%	3,995	5.0%
51011	80,132	122	0.15%	47,632	59.4%	28,095	35.1%	26,464	33.0%	4,734	5.9%	213	0.3%	1,374	1.7%	49	0.1%	2,072	2.6%
51012	80,492	482	0.60%	70,200	87.2%	4,022	5.0%	3,428	4.3%	1,959	2.4%	160	0.2%	4,443	5.5%	22	0.0%	587	0.7%
51013	80,579	569	0.71%	48,642	60.4%	11,894	14.8%	10,402	12.9%	20,063	24.9%	397	0.5%	7,610	9.4%	65	0.1%	9,494	11.8%
51014	79,407	-603	-0.75%	47,862	60.3%	29,125	36.7%	28,510	35.9%	2,407	3.0%	145	0.2%	561	0.7%	24	0.0%	1,271	1.6%
51015	80,630	620	0.77%	75,913	94.1%	1,994	2.5%	1,507	1.9%	3,386	4.2%	189	0.2%	361	0.4%	17	0.0%	1,474	1.8%
51016	79,692	-318	-0.40%	54,827	68.8%	22,513	28.3%	21,837	27.4%	2,628	3.3%	189	0.2%	368	0.5%	7	0.0%	1,389	1.7%
51017	80,631	621	0.78%	71,273	88.4%	5,959	7.4%	5,176	6.4%	2,059	2.6%	157	0.2%	1,880	2.3%	22	0.0%	639	0.8%
51018	79,450	-560	-0.70%	69,073	86.9%	6,596	8.3%	5,720	7.2%	4,292	5.4%	260	0.3%	943	1.2%	45	0.1%	1,563	2.0%
51019	80,080	70	0.09%	73,554	91.9%	5,190	6.5%	4,655	5.8%	1,019	1.3%	217	0.3%	332	0.4%	20	0.0%	241	0.3%
51020	79,334	-676	-0.84%	69,268	87.3%	7,701	9.7%	6,665	8.4%	2,580	3.3%	173	0.2%	494	0.6%	21	0.0%	1,054	1.3%
51021	79,608	-402	-0.50%	45,487	57.1%	21,051	26.4%	19,164	24.1%	5,567	7.0%	225	0.3%	9,178	11.5%	95	0.1%	1,559	2.0%
51022	79,307	-703	-0.88%	59,135	74.6%	17,825	22.5%	17,029	21.5%	1,773	2.2%	192	0.2%	1,019	1.3%	26	0.0%	565	0.7%
51023	79,330	-680	-0.85%	62,083	78.3%	13,394	16.9%	12,524	15.8%	2,087	2.6%	313	0.4%	2,010	2.5%	34	0.0%	914	1.2%
51024	79,678	-332	-0.41%	70,684	88.7%	7,017	8.8%	6,459	8.1%	1,424	1.8%	428	0.5%	442	0.6%	21	0.0%	446	0.6%
51025	80,011	1	0.00%	73,736	92.2%	3,245	4.1%	2,727	3.4%	2,893	3.6%	148	0.2%	950	1.2%	11	0.0%	1,258	1.6%
51026	80,688	678	0.85%	67,806	84.0%	4,260	5.3%	3,531	4.4%	9,906	12.3%	264	0.3%	1,878	2.3%	64	0.1%	5,170	6.4%
51027	79,675	-335	-0.42%	52,878	66.4%	20,369	25.6%	19,073	23.9%	5,362	6.7%	328	0.4%	2,453	3.1%	41	0.1%	2,531	3.2%
51028	79,304	-706	-0.88%	56,206	70.9%	16,476	20.8%	14,841	18.7%	7,076	8.9%	403	0.5%	1,961	2.5%	85	0.1%	2,658	3.4%
51029	79,851	-159	-0.20%	68,575	85.9%	5,669	7.1%	4,732	5.9%	6,597	8.3%	248	0.3%	1,106	1.4%	20	0.0%	3,382	4.2%
51030	80,583	573	0.72%	62,914	78.1%	13,207	16.4%	11,938	14.8%	5,030	6.2%	275	0.3%	802	1.0%	59	0.1%	2,448	3.0%
51031	79,210	-800	-1.00%	50,345	63.6%	17,494	22.1%	15,955	20.1%	11,324	14.3%	470	0.6%	4,561	5.8%	130	0.2%	4,161	5.3%
51032	80,268	258	0.32%	55,738	69.4%	6,846	8.5%	5,929	7.4%	7,420	9.2%	213	0.3%	12,951	16.1%	40	0.0%	2,189	2.7%
51033	80,550	540	0.67%	70,393	87.4%	4,657	5.8%	3,883	4.8%	5,090	6.3%	194	0.2%	2,203	2.7%	47	0.1%	1,784	2.2%
51034	80,722	712	0.89%	61,693	76.4%	3,137	3.9%	2,618	3.2%	5,819	7.2%	152	0.2%	11,696	14.5%	37	0.0%	1,729	2.1%
51035	80,213	203	0.25%	53,780	67.0%	4,431	5.5%	3,816	4.8%	8,037	10.0%	212	0.3%	16,330	20.4%	56	0.1%	2,780	3.5%
51036	79,746	-264	-0.33%	53,210	66.7%	8,034	10.1%	7,138	9.0%	8,819	11.1%	247	0.3%	12,776	16.0%	32	0.0%	3,187	4.0%
51037	80,255	245	0.31%	47,377	59.0%	7,154	8.9%	6,282	7.8%	10,555	13.2%	258	0.3%	19,197	23.9%	47	0.1%	3,605	4.5%
51038	80,758	748	0.93%	42,448	52.6%	8,542	10.6%	7,896	9.8%	25,694	31.8%	508	0.6%	15,293	18.9%	63	0.1%	10,919	13.5%
51039	80,710	700	0.87%	46,876	58.1%	8,318	10.3%	7,585	9.4%	15,374	19.0%	384	0.5%	15,794	19.6%	77	0.1%	6,603	8.2%
51040	80,729	719	0.90%	55,837	69.2%	5,891	7.3%	5,095	6.3%	7,868	9.7%	240	0.3%	13,863	17.2%	78	0.1%	2,649	3.3%
51041	80,792	782	0.98%	54,579	67.6%	5,343	6.6%	4,637	5.7%	9,941	12.3%	183	0.2%	15,266	18.9%	62	0.1%	2,885	3.6%
51042	79,964	-46	-0.06%	55,174	69.0%	9,089	11.4%	8,114	10.1%	7,461	9.3%	261	0.3%	11,008	13.8%	104	0.1%	1,939	2.4%
51043	80,750	740	0.92%	47,821	59.2%	15,299	18.9%	14,109	17.5%	12,611	15.6%	291	0.4%	9,989	12.4%	81	0.1%	4,915	6.1%
51044	80,796	786	0.98%	44,799	55.4%	18,844	23.3%	17,690	21.9%	19,469	24.1%	413	0.5%	5,310	6.6%	90	0.1%	9,136	11.3%
51045	80,240	230	0.29%	59,505	74.7%	10,197	12.7%	9,434	11.8%	11,072	13.8%	363	0.5%	3,145	3.9%	63	0.1%	4,791	6.0%
51046	80,333	323	0.40%	41,531	51.7%	23,914	29.8%	22,577	28.1%	13,746	17.1%	293	0.4%	6,546	8.1%	87	0.1%	5,911	7.4%
51047	80,757	747	0.93%	61,673	76.4%	4,477	5.5%	3,900	4.8%	10,754	13.3%	427	0.5%	7,508	9.3%	56	0.1%	4,263	5.3%
51048	79,492	-518	-0.65%	63,919	80.4%	3,802	4.8%	3,291	4.1%	5,831	7.3%	179	0.2%	8,184	10.3%	48	0.1%	1,318	1.7%
51049	80,609	599	0.75%	42,754	53.0%	14,797	18.4%	13,754	17.1%	21,749	27.0%	497	0.6%	10,174	12.6%	105	0.1%	9,557	11.9%
51050	80,677	667	0.83%	50,040	62.0%	12,619	15.6%	11,036	13.7%	21,171	26.2%	450	0.6%	5,698	7.1%	114	0.1%	9,436	11.7%
51051	80,372	362	0.45%	55,264	68.8%	13,854	17.2%	12,462	15.5%	10,775	13.4%	444	0.6%	4,757	5.9%	85	0.1%	3,777	4.7%
51052	79,290	-720	-0.90%	33,564	42.3%	26,018	32.8%	23,892	30.1%	23,127	29.2%	663	0.8%	5,377	6.8%	99	0.1%	10,940	13.8%
51053	80,049	39	0.05%	48,549	60.6%	4,895	6.1%	4,294	5.4%	16,791	21.0%	400	0.5%	16,424	20.5%	45	0.1%	7,101	8.9%
51054	80,155																		



51080	79,924	-86	-0.11%	32,607	40.8%	44,098	55.2%	42,761	53.5%	2,389	3.0%	336	0.4%	1,229	1.5%	102	0.1%	820	1.0%
51081	80,691	681	0.85%	60,992	75.6%	14,384	17.8%	13,174	16.3%	4,450	5.5%	298	0.4%	2,119	2.6%	96	0.1%	1,245	1.5%
51082	79,504	-506	-0.63%	64,133	80.7%	10,250	12.9%	9,023	11.3%	4,668	5.9%	309	0.4%	2,043	2.6%	98	0.1%	1,350	1.7%
51083	80,774	764	0.95%	53,040	65.7%	20,669	25.6%	19,256	23.8%	5,123	6.3%	332	0.4%	3,478	4.3%	133	0.2%	1,647	2.0%
51084	79,655	-355	-0.44%	50,866	63.9%	18,664	23.4%	17,068	21.4%	6,111	7.7%	301	0.4%	5,968	7.5%	160	0.2%	1,730	2.2%
51085	80,754	744	0.93%	52,551	65.1%	19,037	23.6%	17,489	21.7%	5,050	6.3%	378	0.5%	5,295	6.6%	117	0.1%	1,634	2.0%
51086	80,747	737	0.92%	46,400	57.5%	7,132	8.8%	6,369	7.9%	17,163	21.3%	351	0.4%	15,998	19.8%	42	0.1%	8,162	10.1%
51087	79,275	-735	-0.92%	44,093	55.6%	7,429	9.4%	6,483	8.2%	11,761	14.8%	236	0.3%	19,678	24.8%	54	0.1%	5,109	6.4%
51088	80,191	181	0.23%	60,158	75.0%	12,879	16.1%	11,480	14.3%	7,188	9.0%	261	0.3%	2,106	2.6%	95	0.1%	3,356	4.2%
51089	80,517	507	0.63%	31,318	38.9%	45,497	56.5%	44,279	55.0%	2,558	3.2%	232	0.3%	1,913	2.4%	56	0.1%	751	0.9%
51090	79,228	-782	-0.98%	33,391	42.1%	38,860	49.0%	37,049	46.8%	5,285	6.7%	341	0.4%	3,379	4.3%	114	0.1%	1,859	2.3%
51091	79,503	-507	-0.63%	51,706	65.0%	22,177	27.9%	20,508	25.8%	3,604	4.5%	332	0.4%	2,719	3.4%	94	0.1%	1,009	1.3%
51092	79,959	-51	-0.06%	27,332	34.2%	49,076	61.4%	47,056	58.9%	3,528	4.4%	347	0.4%	1,317	1.6%	82	0.1%	1,037	1.3%
51093	79,232	-778	-0.97%	53,806	67.9%	18,041	22.8%	16,524	20.9%	5,061	6.4%	268	0.3%	3,804	4.8%	137	0.2%	1,673	2.1%
51094	79,268	-742	-0.93%	45,286	57.1%	27,456	34.6%	25,249	31.9%	6,442	8.1%	389	0.5%	2,547	3.2%	159	0.2%	2,051	2.6%
51095	79,667	-343	-0.43%	32,062	40.2%	42,862	53.8%	40,935	51.4%	4,917	6.2%	367	0.5%	1,271	1.6%	81	0.1%	2,105	2.6%
51096	79,217	-793	-0.99%	62,755	79.2%	11,949	15.1%	10,948	13.8%	3,357	4.2%	266	0.3%	2,069	2.6%	78	0.1%	1,001	1.3%
51097	79,386	-624	-0.78%	67,533	85.1%	8,951	11.3%	8,379	10.6%	1,606	2.0%	597	0.8%	947	1.2%	29	0.0%	503	0.6%
51098	79,251	-759	-0.95%	63,155	79.7%	13,769	17.4%	12,959	16.4%	1,870	2.4%	403	0.5%	519	0.7%	23	0.0%	536	0.7%
51099	80,332	322	0.40%	56,801	70.7%	20,709	25.8%	19,785	24.6%	2,971	3.7%	353	0.4%	551	0.7%	27	0.0%	1,183	1.5%
51100	80,680	670	0.84%	50,700	62.8%	24,232	30.0%	23,019	28.5%	6,746	8.4%	403	0.5%	1,280	1.6%	125	0.2%	2,785	3.5%

## Plaintiffs' Remedial Plan B Voting Age Population Summary

HD	Voting Age Population	Deviation	% Black																		% Hispanic	% AIAN	% Asian	% HawPI	% Other
			%	White	% White	Black (alone or in Part)	Black	% Black	Hispanic	AIAN	% AIAN	Asian	% Asian	HawPI	% HawPI	Other	% Other								
51001	64,221	498	0.62%	60,648	94.4%	2,537	4.0%	2,428	3.8%	754	1.2%	170	0.2%	226	0.4%	12	0.0%	284	0.4%						
51002	56,163	-519	-0.65%	33,408	59.5%	14,095	25.1%	13,382	23.8%	8,879	15.8%	264	0.3%	3,477	6.2%	100	0.1%	3,616	4.5%						
51003	64,745	573	0.72%	62,065	95.9%	1,965	3.0%	1,883	2.9%	327	0.5%	70	0.1%	294	0.5%	8	0.0%	83	0.1%						
51004	64,195	436	0.54%	62,070	96.7%	1,399	2.2%	1,319	2.1%	541	0.8%	97	0.1%	161	0.3%	3	0.0%	230	0.3%						
51005	64,337	590	0.74%	61,274	95.2%	1,769	2.7%	1,656	2.6%	1,353	2.1%	117	0.1%	211	0.3%	18	0.0%	622	0.8%						
51006	62,988	-402	-0.50%	60,788	96.5%	1,263	2.0%	1,165	1.8%	813	1.3%	113	0.1%	171	0.3%	11	0.0%	374	0.5%						
51007	64,401	136	0.17%	59,855	92.9%	2,681	4.2%	2,479	3.8%	1,137	1.8%	114	0.1%	922	1.4%	18	0.0%	302	0.4%						
51008	63,208	675	0.84%	58,658	92.8%	2,576	4.1%	2,427	3.8%	1,012	1.6%	128	0.2%	1,064	1.7%	16	0.0%	397	0.5%						
51009	64,142	564	0.70%	56,131	87.5%	6,436	10.0%	6,309	9.8%	1,388	2.2%	165	0.2%	208	0.3%	13	0.0%	896	1.1%						
51010	57,050	607	0.76%	44,095	77.3%	5,113	9.0%	4,769	8.4%	6,259	11.0%	173	0.2%	4,041	7.1%	28	0.0%	2,676	3.3%						
51011	62,356	122	0.15%	39,559	63.4%	19,679	31.6%	19,127	30.7%	3,146	5.0%	174	0.2%	1,049	1.7%	33	0.0%	1,402	1.7%						
51012	69,034	482	0.60%	60,408	87.5%	3,206	4.6%	2,888	4.2%	1,618	2.3%	138	0.2%	3,927	5.7%	22	0.0%	484	0.6%						
51013	58,290	569	0.71%	36,735	63.0%	7,965	13.7%	7,432	12.8%	12,955	22.2%	288	0.4%	5,600	9.6%	46	0.1%	6,227	7.7%						
51014	62,379	-603	-0.75%	39,414	63.2%	21,395	34.3%	21,176	33.9%	1,461	2.3%	114	0.1%	415	0.7%	15	0.0%	774	1.0%						
51015	62,907	620	0.77%	59,863	95.2%	1,249	2.0%	1,132	1.8%	2,048	3.3%	150	0.2%	281	0.4%	14	0.0%	920	1.1%						
51016	63,086	-318	-0.40%	44,381	70.4%	17,193	27.3%	16,985	26.9%	1,595	2.5%	143	0.2%	276	0.4%	5	0.0%	849	1.1%						
51017	63,576	621	0.78%	57,265	90.1%	3,957	6.2%	3,751	5.9%	1,309	2.1%	118	0.1%	1,368	2.2%	19	0.0%	412	0.5%						
51018	59,686	-560	-0.70%	52,508	88.0%	4,711	7.9%	4,468	7.5%	2,635	4.4%	195	0.2%	686	1.1%	36	0.0%	990	1.2%						
51019	62,844	70	0.09%	58,171	92.6%	3,776	6.0%	3,642	5.8%	639	1.0%	160	0.2%	249	0.4%	15	0.0%	140	0.2%						
51020	62,717	-676	-0.84%	55,842	89.0%	5,334	8.5%	5,030	8.0%	1,608	2.6%	138	0.2%	390	0.6%	16	0.0%	614	0.8%						
51021	58,656	-402	-0.50%	34,776	59.3%	14,351	24.5%	13,706	23.4%	3,432	5.9%	163	0.2%	7,249	12.4%	69	0.1%	1,080	1.4%						
51022	61,467	-703	-0.88%	47,457	76.6%	12,754	20.7%	12,479	20.3%	1,179	1.9%	155	0.2%	729	1.2%	21	0.0%	385	0.5%						
51023	63,982	-680	-0.85%	51,425	80.4%	9,722	15.2%	9,408	14.7%	1,543	2.4%	264	0.3%	1,473	2.3%	28	0.0%	680	0.9%						
51024	64,424	-332	-0.41%	57,333	89.0%	5,604	8.7%	5,395	8.4%	990	1.5%	316	0.4%	375	0.6%	19	0.0%	327	0.4%						
51025	61,585	1	0.00%	57,373	93.2%	2,289	3.7%	2,140	3.5%	1,717	2.8%	101	0.1%	656	1.1%	10	0.0%	783	1.0%						
51026	65,566	678	0.85%	56,466	86.1%	3,020	4.6%	2,714	4.1%	6,380	9.7%	193	0.2%	1,609	2.5%	62	0.1%	3,382	4.2%						
51027	59,300	-335	-0.42%	41,068	69.3%	13,897	23.4%	13,465	22.7%	3,347	5.6%	254	0.3%	1,853	3.1%	32	0.0%	1,618	2.0%						
51028	58,388	-706	-0.88%	43,126	73.9%	10,909	18.7%	10,399	17.8%	4,374	7.5%	298	0.4%	1,491	2.6%	56	0.1%	1,689	2.1%						
51029	61,320	-159	-0.20%	53,930	87.9%	3,749	6.1%	3,482	5.7%	4,035	6.6%	181	0.2%	849	1.4%	16	0.0%	2,074	2.6%						
51030	61,276	573	0.72%	48,944	79.9%	9,439	15.4%	9,097	14.8%	3,171	5.2%	202	0.3%	595	1.0%	42	0.1%	1,541	1.9%						
51031	56,743	-800	-1.00%	37,294	65.7%	11,839	20.9%	11,228	19.8%	7,182	12.7%	307	0.4%	3,361	5.9%	102	0.1%	2,740	3.5%						
51032	55,263	258	0.32%	39,133	70.8%	4,550	8.2%	4,228	7.7%	4,881	8.8%	122	0.2%	8,777	15.9%	32	0.0%	1,500	1.9%						
51033	57,140	540	0.67%	50,780	88.9%	2,931	5.1%	2,723	4.8%	3,123	5.5%	135	0.2%	1,542	2.7%	38	0.0%	1,127	1.4%						
51034	57,978	712	0.89%	44,921	77.5%	2,153	3.7%	1,954	3.4%	3,835	6.6%	108	0.1%	8,542	14.7%	29	0.0%	1,138	1.4%						
51035	62,743	203	0.25%	42,985	68.5%	3,374	5.4%	3,058	4.9%	5,932	9.5%	146	0.2%	12,585	20.1%	51	0.1%	2,065	2.6%						
51036	61,859	-264	-0.33%	43,038	69.6%	5,581	9.0%	5,178	8.4%	6,069	9.8%	164	0.2%	9,533	15.4%	29	0.0%	2,172	2.7%						
51037	63,480	245	0.31%	38,998	61.4%	5,321	8.4%	4,882	7.7%	7,714	12.2%	191	0.2%	14,688	23.1%	39	0.0%	2,639	3.3%						
51038	62,463	748	0.93%	33,887	54.3%	6,100	9.8%	5,761	9.2%	18,684	29.9%	367	0.5%	12,217	19.6%	41	0.1%	7,851	9.7%						
51039	61,870	700	0.87%	37,283	60.3%	5,810	9.4%	5,479	8.9%	10,921	17.7%	265	0.3%	12,080	19.5%	58	0.1%	4,758	5.9%						
51040	58,415	719	0.90%	41,056	70.3%	3,998	6.8%	3,675	6.3%	5,322	9.1%	169	0.2%	10,133	17.3%	52	0.1%	1,856	2.3%						
51041	60,765	782	0.98%	41,973	69.1%	3,586	5.9%	3,348	5.5%	6,992	11.5%	128	0.2%	11,598	19.1%	46	0.1%	2,058	2.5%						
51042	58,066	-46	-0.06%	41,053	70.7%	5,871	10.1%	5,523	9.5%	4,910	8.5%	182	0.2%	8,295	14.3%	75	0.1%	1,309	1.6%						
51043	62,318	740	0.92%	38,605	61.9%	10,967	17.6%	10,418	16.7%	8,829	14.2%	202	0.3%	7,668	12.3%	65	0.1%	3,407	4.2%						
51044	59,112	786	0.98%	33,967	57.5%	13,291	22.5%	12,763	21.6%	12,893	21.8%	268	0.3%	4,055	6.9%	63	0.1%	6,186	7.7%						
51045	67,692	230	0.29%	51,797	76.5%	8,015	11.8%	7,546	11.1%	8,358	12.3%	296	0.4%	2,791	4.1%	57	0.1%	3,534	4.4%						
51046	66,262	323	0.40%	35,868	54.1%	18,779	28.3%	17,958	27.1%	10,253	15.5%	238	0.3%	5,512	8.3%	74	0.1%	4,315	5.4%						
51047	68,384	747	0.93%	53,109	77.7%	3,562	5.2%	3,223	4.7%	8,449	12.4%	345	0.4%	6,473	9.5%	42	0.1%	3,328	4.1%						
51048	64,068	-518	-0.65%	51,895	81.0%	3,124	4.9%	2,799	4.4%	4,435	6.9%	148	0.2%	6,686	10.4%	42	0.1%	1,000	1.3%						
51049	66,373	599	0.75%	36,838	55.5%	11,477	17.3%	10,818	16.3%	16,346	24.6%	390	0.5%	8,469	12.8%	79	0.1%	7,129	8.8%						
51050	55,689	667	0.83%	35,574	63.9%	8,254	14.8%	7,710	13.8%	13,405	24.1%	274	0.3%	4,143	7.4%	77	0.1%	6,115	7.6%						
51051	58,448	362	0.45%	41,641	71.2%	9,240	15.8%	8,738	15.0%	6,847	11.7%	311	0.4%	3,531	6.0%	67	0.1%	2,469	3.1%						
51052	56,592	-720	-0.90%	25,644	45.3%	17,626	31.1%	16,793	29.7%	14,987	26.5%	414	0.5%	4,033	7.1%	80	0.1%	7,219	9.1%						
51053	62,827	39	0.05%	39,121	62.3%	3,592	5.7%	3,292	5.2%	12,306	19.6%	284	0.4%	13,039	20.8%	40	0.1%	5,151	6.4%						
51054	57,249	145	0.18%	42,858	74.9%	10,372	18.1%	9,896	17.3%	3,932	6.9%	202	0.												



51080	60,143	-86	-0.11%	26,160	43.5%	31,588	52.5%	31,021	51.6%	1,616	2.7%	254	0.3%	988	1.6%	73	0.1%	643	0.8%
51081	59,929	681	0.85%	46,145	77.0%	10,247	17.1%	9,827	16.4%	2,736	4.6%	247	0.3%	1,606	2.7%	75	0.1%	833	1.0%
51082	62,865	-506	-0.63%	52,024	82.8%	7,125	11.3%	6,572	10.5%	3,146	5.0%	245	0.3%	1,644	2.6%	78	0.1%	973	1.2%
51083	62,705	764	0.95%	43,306	69.1%	14,282	22.8%	13,702	21.9%	3,440	5.5%	252	0.3%	2,769	4.4%	82	0.1%	1,174	1.5%
51084	58,375	-355	-0.44%	38,245	65.5%	12,905	22.1%	12,315	21.1%	3,880	6.6%	235	0.3%	4,662	8.0%	122	0.2%	1,205	1.5%
51085	62,044	744	0.93%	42,008	67.7%	13,228	21.3%	12,636	20.4%	3,335	5.4%	294	0.4%	4,279	6.9%	102	0.1%	1,171	1.5%
51086	59,286	737	0.92%	34,944	58.9%	5,108	8.6%	4,802	8.1%	12,059	20.3%	219	0.3%	11,609	19.6%	33	0.0%	5,779	7.2%
51087	55,787	-735	-0.92%	32,124	57.6%	5,006	9.0%	4,654	8.3%	7,895	14.2%	147	0.2%	13,563	24.3%	42	0.1%	3,505	4.4%
51088	58,354	181	0.23%	45,104	77.3%	8,479	14.5%	7,991	13.7%	4,545	7.8%	197	0.2%	1,584	2.7%	78	0.1%	2,206	2.8%
51089	62,820	507	0.63%	26,850	42.7%	32,912	52.4%	32,204	51.3%	1,899	3.0%	192	0.2%	1,700	2.7%	47	0.1%	577	0.7%
51090	60,733	-782	-0.98%	27,546	45.4%	27,979	46.1%	27,252	44.9%	3,513	5.8%	273	0.3%	2,736	4.5%	92	0.1%	1,350	1.7%
51091	58,986	-507	-0.63%	39,836	67.5%	15,250	25.9%	14,558	24.7%	2,217	3.8%	229	0.3%	2,108	3.6%	74	0.1%	671	0.8%
51092	62,382	-51	-0.06%	22,724	36.4%	36,972	59.3%	35,936	57.6%	2,373	3.8%	282	0.4%	1,067	1.7%	64	0.1%	766	1.0%
51093	62,281	-778	-0.97%	44,052	70.7%	12,756	20.5%	12,119	19.5%	3,443	5.5%	217	0.3%	3,088	5.0%	101	0.1%	1,169	1.5%
51094	60,264	-742	-0.93%	36,779	61.0%	18,647	30.9%	17,735	29.4%	4,254	7.1%	305	0.4%	2,080	3.5%	117	0.1%	1,485	1.9%
51095	60,645	-343	-0.43%	26,657	44.0%	30,437	50.2%	29,594	48.8%	3,319	5.5%	283	0.4%	1,049	1.7%	61	0.1%	1,545	1.9%
51096	61,067	-793	-0.99%	49,447	81.0%	8,583	14.1%	8,227	13.5%	2,119	3.5%	192	0.2%	1,578	2.6%	57	0.1%	661	0.8%
51097	60,024	-624	-0.78%	51,473	85.8%	6,626	11.0%	6,433	10.7%	969	1.6%	451	0.6%	702	1.2%	20	0.0%	322	0.4%
51098	62,740	-759	-0.95%	50,614	80.7%	10,481	16.7%	10,201	16.3%	1,205	1.9%	322	0.4%	395	0.6%	17	0.0%	385	0.5%
51099	63,534	322	0.40%	46,161	72.7%	15,464	24.3%	15,150	23.8%	1,916	3.0%	278	0.3%	421	0.7%	22	0.0%	747	0.9%
51100	63,387	670	0.84%	41,814	66.0%	17,524	27.6%	17,066	26.9%	4,344	6.9%	322	0.4%	1,030	1.6%	104	0.1%	1,858	2.3%

## EXHIBIT I

DECLARATION OF KEVIN J. HAMILTON



Plan Name: Plaintiffs' Remedial Plan B

Plan Type:

Date: 11/2/2018

Time: 1:31:20AM

Administrator:

## Measures of Compactness

11/2/2018

Sum	N/A	N/A	N/A
Min	0.16	1.23	0.09
Max	0.62	2.95	0.63
Mean	0.36	1.90	0.26
Std. Dev.	0.11	0.31	0.10

DISTRICT	Reock	Schwartzberg	Polsby-Popper
51001	0.26	1.69	0.30
51002	0.30	2.17	0.18
51003	0.28	1.84	0.21
51004	0.49	1.97	0.20
51005	0.19	2.29	0.17
51006	0.27	1.82	0.26
51007	0.50	1.81	0.25
51008	0.47	1.83	0.26
51009	0.35	1.83	0.24
51010	0.23	2.16	0.18
51011	0.59	1.80	0.26
51012	0.39	1.95	0.22
51013	0.16	2.53	0.13
51014	0.24	2.34	0.16
51015	0.55	1.52	0.34
51016	0.36	2.11	0.18
51017	0.25	2.95	0.09
51018	0.62	1.92	0.24
51019	0.43	2.09	0.17
51020	0.27	2.28	0.15
51021	0.42	1.74	0.31
51022	0.20	2.59	0.11
51023	0.26	2.25	0.15
51024	0.44	1.78	0.25
51025	0.26	2.14	0.18
51026	0.46	1.57	0.36
51027	0.50	1.93	0.24
51028	0.39	1.82	0.26
51029	0.36	1.98	0.21
51030	0.53	1.49	0.36
51031	0.38	2.11	0.19
51032	0.46	1.64	0.31
51033	0.33	1.89	0.23
51034	0.24	1.91	0.22
51035	0.20	2.11	0.19
51036	0.43	1.66	0.30
51037	0.18	2.24	0.18
51038	0.62	1.44	0.45
51039	0.35	2.16	0.19
51040	0.26	2.20	0.17

Plan Name: Plan Type: Plan ID: 00852-REP-ABA-BMK

Administrator: User: 10261

DISTRICT	Reock	Schwartzberg	Polsby-Popper
51041	0.36	1.72	0.32
51042	0.35	2.09	0.20
51043	0.22	2.10	0.21
51044	0.43	1.69	0.32
51045	0.29	1.81	0.26
51046	0.52	1.28	0.55
51047	0.41	1.73	0.33
51048	0.18	2.24	0.16
51049	0.24	2.35	0.16
51050	0.46	1.62	0.34
51051	0.24	2.15	0.18
51052	0.23	1.92	0.25
51053	0.46	1.69	0.34
51054	0.47	1.89	0.25
51055	0.57	1.69	0.28
51056	0.37	1.87	0.25
51057	0.45	1.47	0.41
51058	0.32	2.11	0.19
51059	0.30	1.98	0.21
51060	0.38	1.62	0.31
51061	0.32	2.21	0.17
51062	0.30	2.52	0.12
51063	0.59	1.27	0.51
51064	0.29	2.12	0.17
51065	0.34	1.88	0.25
51066	0.31	1.79	0.27
51067	0.32	1.84	0.25
51068	0.36	1.98	0.24
51069	0.46	1.60	0.37
51070	0.30	1.78	0.20
51071	0.38	1.78	0.29
51072	0.32	1.96	0.25
51073	0.39	1.93	0.24
51074	0.21	1.93	0.22
51075	0.41	1.56	0.32
51076	0.45	1.44	0.47
51077	0.26	1.99	0.25
51078	0.44	1.74	0.32
51079	0.44	1.76	0.27
51080	0.39	1.85	0.28
51081	0.37	1.81	0.28
51082	0.55	1.47	0.45
51083	0.44	1.72	0.32
51084	0.41	1.74	0.30
51085	0.39	1.89	0.27
51086	0.35	1.98	0.25
51087	0.22	2.30	0.17
51088	0.28	2.56	0.13
51089	0.50	1.47	0.43
51090	0.48	1.44	0.46
51091	0.48	1.41	0.49
51092	0.32	1.74	0.31
51093	0.21	2.46	0.15
51094	0.48	1.23	0.63
51095	0.25	1.69	0.34
51096	0.20	2.19	0.17



Plan Name: Plan A  
Plan Type: Plan A  
User: Administrator

DISTRICT	Reock	Schwartzberg	Polsby-Popper
51097	0.43	1.73	0.21
51098	0.28	1.78	0.26
51099	0.27	1.97	0.21
51100	0.29	1.51	0.39

## EXHIBIT J

DECLARATION OF KEVIN J. HAMILTON



Plan Name: Plaintiffs' Remedial Plan B  
 Plan Type:  
 Administrator:

## Political Subdivisions Split Between Districts

Friday November 2, 2018

12:13 AM

Number of subdivisions not split:

County	82
Voting District	2,291

Number of subdivisions split into more than one district:

County	52
Voting District	82

Number of subdivision splits which affect *no* population:

County	2
Voting District	3

### Split Counts

#### County

Cases where an area is split among 2 Districts: 25  
 Cases where an area is split among 3 Districts: 14  
 Cases where an area is split among 4 Districts: 5  
 Cases where an area is split among 5 Districts: 2  
 Cases where an area is split among 6 Districts: 1  
 Cases where an area is split among 7 Districts: 3  
 Cases where an area is split among 8 Districts: 1  
 Cases where an area is split among 17 Districts: 1

#### Voting District

Cases where an area is split among 2 Districts: 81  
 Cases where an area is split among 3 Districts: 1

County	Voting District	District	Population
<i>Split Counties :</i>			
Albemarle VA		51025	21,420
Albemarle VA		51057	37,303
Albemarle VA		51058	30,929
Albemarle VA		51059	9,318
Alexandria City VA		51045	59,633
Alexandria City VA		51046	80,333
Amherst VA		51023	10,678
Amherst VA		51024	21,675
Arlington VA		51045	14,388

Plan Name:	Plaintiffs' Remedial Plan B	Administrator:	
Plan Type:		User:	
County	Voting District	District	Population
<i>Split Counties</i> (continued):			
Arlington VA		51047	80,757
Arlington VA		51048	55,008
Arlington VA		51049	57,474
Augusta VA		51020	24,485
Augusta VA		51024	17,273
Augusta VA		51025	31,992
Bedford VA		51019	22,948
Bedford VA		51022	28,780
Bedford VA		51023	16,948
Botetourt VA		51017	4,449
Botetourt VA		51019	28,699
Campbell VA		51022	17,154
Campbell VA		51059	30,664
Campbell VA		51060	7,024
Caroline VA		51054	2,484
Caroline VA		51055	19,742
Caroline VA		51099	6,319
Chesapeake City VA		51021	5,030
Chesapeake City VA		51076	2,057
Chesapeake City VA		51077	80,448
Chesapeake City VA		51078	80,037
Chesapeake City VA		51080	21,946
Chesapeake City VA		51081	32,691
Chesterfield VA		51027	79,675
Chesterfield VA		51062	57,325
Chesterfield VA		51063	13,302
Chesterfield VA		51065	40,407
Chesterfield VA		51066	61,986
Chesterfield VA		51068	44,543
Chesterfield VA		51069	18,998
Clarke VA		51010	4,309
Clarke VA		51033	9,725
Culpeper VA		51018	12,895
Culpeper VA		51030	33,794
Fairfax VA		51034	53,301
Fairfax VA		51035	80,213
Fairfax VA		51036	79,746
Fairfax VA		51037	57,690
Fairfax VA		51038	80,758
Fairfax VA		51039	80,710
Fairfax VA		51040	66,026
Fairfax VA		51041	80,792
Fairfax VA		51042	79,964
Fairfax VA		51043	80,750
Fairfax VA		51044	80,796
Fairfax VA		51045	6,219
Fairfax VA		51048	24,484
Fairfax VA		51049	23,135
Fairfax VA		51053	67,717
Fairfax VA		51067	70,636



Plan Name:	Plaintiffs' Remedial Plan B	Administrator:	
Plan Type:		User:	
County	Voting District	District	Population
<i>Split Counties</i> (continued):			
Fairfax VA		51086	68,789
Fauquier VA		51018	40,915
Fauquier VA		51031	15,101
Fauquier VA		51088	9,187
Fluvanna VA		51058	18,460
Fluvanna VA		51065	7,231
Franklin VA		51009	46,650
Franklin VA		51022	9,509
Frederick VA		51010	13,649
Frederick VA		51029	43,969
Frederick VA		51033	20,687
Fredericksburg City VA		51028	8,950
Fredericksburg City VA		51088	15,336
Goochland VA		51056	17,530
Goochland VA		51065	4,187
Hampton City VA		51091	50,673
Hampton City VA		51092	79,959
Hampton City VA		51095	6,804
Hanover VA		51055	50,481
Hanover VA		51097	49,382
Henrico VA		51056	24,178
Henrico VA		51070	43,528
Henrico VA		51072	80,257
Henrico VA		51073	79,730
Henrico VA		51074	79,242
Henry VA		51009	15,434
Henry VA		51014	15,368
Henry VA		51016	23,349
James City VA		51093	20,694
James City VA		51096	46,315
King William VA		51097	11,575
King William VA		51098	4,360
Loudoun VA		51010	62,659
Loudoun VA		51032	80,268
Loudoun VA		51033	50,138
Loudoun VA		51034	27,421
Loudoun VA		51067	8,997
Loudoun VA		51086	11,958
Loudoun VA		51087	70,870
Lunenburg VA		51061	8,470
Lunenburg VA		51075	4,444
Lynchburg City VA		51022	23,864
Lynchburg City VA		51023	51,704
Montgomery VA		51007	35,026
Montgomery VA		51008	17,599
Montgomery VA		51012	41,767
Nelson VA		51020	7,776
Nelson VA		51059	7,244
Newport News City VA		51093	28,588
Newport News City VA		51094	79,268

Plan Name:	Plaintiffs' Remedial Plan B	Administrator:	
Plan Type:		User:	
County	Voting District	District	Population
<i>Split Counties</i> (continued):			
Newport News City VA		51095	72,863
Norfolk City VA		51079	42,660
Norfolk City VA		51083	5,271
Norfolk City VA		51089	80,517
Norfolk City VA		51090	79,228
Norfolk City VA		51100	35,127
Pittsylvania VA		51014	20,984
Pittsylvania VA		51016	42,522
Portsmouth City VA		51079	37,557
Portsmouth City VA		51080	57,978
Prince George VA		51062	0
Prince George VA		51063	5,713
Prince George VA		51064	30,012
Prince William VA		51002	45,961
Prince William VA		51013	66,306
Prince William VA		51031	64,109
Prince William VA		51040	14,703
Prince William VA		51050	42,856
Prince William VA		51051	80,372
Prince William VA		51052	79,290
Prince William VA		51087	8,405
Pulaski VA		51007	29,841
Pulaski VA		51012	5,031
Richmond City VA		51068	34,791
Richmond City VA		51069	61,342
Richmond City VA		51070	28,566
Richmond City VA		51071	79,515
Roanoke City VA		51011	80,132
Roanoke City VA		51017	16,900
Roanoke VA		51008	33,094
Roanoke VA		51017	59,282
Rockingham VA		51015	4,966
Rockingham VA		51025	26,599
Rockingham VA		51026	31,774
Rockingham VA		51058	12,975
Russell VA		51003	4,583
Russell VA		51004	24,314
Smyth VA		51005	11,877
Smyth VA		51006	20,331
Spotsylvania VA		51054	77,671
Spotsylvania VA		51055	9,355
Spotsylvania VA		51056	4,780
Spotsylvania VA		51088	30,591
Stafford VA		51002	33,530
Stafford VA		51028	70,354
Stafford VA		51088	25,077
Suffolk City VA		51064	7,112
Suffolk City VA		51076	77,473
Virginia Beach City VA		51021	74,578
Virginia Beach City VA		51081	48,000



Plan Name: Plan Type:		Administrator: User:	
Plaintiffs' Remedial Plan B			
County	Voting District	District	Population
<i>Split Counties</i> (continued):			
Virginia Beach City VA		51082	79,504
Virginia Beach City VA		51083	75,503
Virginia Beach City VA		51084	79,655
Virginia Beach City VA		51085	80,754
Virginia Beach City VA		51100	0
Warren VA		51015	9,629
Warren VA		51018	18,267
Warren VA		51029	9,679
Washington VA		51004	26,563
Washington VA		51005	28,313
Wise VA		51001	27,786
Wise VA		51004	13,666
York VA		51091	16,680
York VA		51093	15,882
York VA		51096	32,902
<i>Split VTDs</i> :			
Albemarle VA	East Ivy	51025	1,145
Albemarle VA	East Ivy	51057	2,444
Albemarle VA	Free Bridge	51057	4,095
Albemarle VA	Free Bridge	51058	460
Amherst VA	Amelon	51023	1,337
Amherst VA	Amelon	51024	3,458
Amherst VA	Elon	51023	834
Amherst VA	Elon	51024	2,764
Arlington VA	Jefferson	51047	1,410
Arlington VA	Jefferson	51049	3,019
Arlington VA	Oakridge	51045	1,705
Arlington VA	Oakridge	51049	3,511
Augusta VA	Fishersville	51020	707
Augusta VA	Fishersville	51025	4,104
Augusta VA	White Hill	51020	1,157
Augusta VA	White Hill	51024	2,331
Bedford VA	Liberty High School	51019	838
Bedford VA	Liberty High School	51023	2,152
Bedford VA	Thaxton Elem School	51019	765
Bedford VA	Thaxton Elem School	51023	1,843
Chesapeake City VA	Bells Mill Ii	51078	546
Chesapeake City VA	Bells Mill Ii	51081	2,760
Chesterfield VA	Bailey Bridge	51027	4,353
Chesterfield VA	Bailey Bridge	51066	1,557
Chesterfield VA	Evergreen	51027	4,519
Chesterfield VA	Evergreen	51065	2,713
Clarke VA	Millwood	51010	1,693
Clarke VA	Millwood	51033	78
Fairfax VA	Baileys	51038	4,068
Fairfax VA	Baileys	51049	3,004
Fairfax VA	Belle Haven	51044	3,232
Fairfax VA	Belle Haven	51045	179
Fairfax VA	Belvoir	51043	3,167

Plan Name: Plan Type:		Plaintiffs' Remedial Plan B	Administrator: User:
County	Voting District	District	Population
<i>Split VTDs</i> (continued):			
Fairfax VA	Belvoir	51044	2,216
Fairfax VA	Camelot	51039	1,381
Fairfax VA	Camelot	51053	407
Fairfax VA	Flint Hill	51035	2,035
Fairfax VA	Flint Hill	51036	3,897
Fairfax VA	Franklin	51067	1,228
Fairfax VA	Franklin	51086	3,530
Fairfax VA	Hayfield	51043	658
Fairfax VA	Hayfield	51044	3,178
Fairfax VA	Huntington	51043	5,464
Fairfax VA	Huntington	51045	320
Fairfax VA	Kinross	51067	3,186
Fairfax VA	Kinross	51086	3,128
Fairfax VA	Lake Braddock	51039	388
Fairfax VA	Lake Braddock	51041	6,417
Fairfax VA	Lane	51039	3,307
Fairfax VA	Lane	51043	2,015
Fairfax VA	Lees Corner West	51067	3,177
Fairfax VA	Lees Corner West	51086	2,463
Fairfax VA	London Towne West	51037	4,019
Fairfax VA	London Towne West	51040	1,825
Fairfax VA	Lorton	51042	0
Fairfax VA	Lorton	51043	4,353
Fairfax VA	Mosby	51035	2,906
Fairfax VA	Mosby	51037	6,928
Fairfax VA	Pohick	51041	3,303
Fairfax VA	Pohick	51042	2,489
Fairfax VA	Salona	51034	1,236
Fairfax VA	Salona	51048	2,387
Fairfax VA	Stone	51037	3,052
Fairfax VA	Stone	51067	2,902
Fairfax VA	Vale	51036	907
Fairfax VA	Vale	51067	3,094
Fairfax VA	Weyanoke	51038	5,130
Fairfax VA	Weyanoke	51039	1,022
Fairfax VA	Willow Springs	51037	3,327
Fairfax VA	Willow Springs	51040	3,764
Fairfax VA	Woodson	51037	4,956
Fairfax VA	Woodson	51041	2,358
Fairfax VA	Woodyard	51040	1,101
Fairfax VA	Woodyard	51042	1,646
Frederick VA	Parkins Mill	51010	6,942
Frederick VA	Parkins Mill	51029	1,263
Fredericksburg City VA	District 4	51028	698
Fredericksburg City VA	District 4	51088	1,523
Goochland VA	Hadensville	51056	715
Goochland VA	Hadensville	51065	1,621
Hampton City VA	Bethel	51091	4,800
Hampton City VA	Bethel	51095	548



Plan Name: Plan Type:		Administrator: User:	
Plaintiffs' Remedial Plan B			
County	Voting District	District	Population
<i>Split VTDs (continued):</i>			
Henrico VA	Causeway	51056	767
Henrico VA	Causeway	51072	2,162
Henry VA	Axton	51014	353
Henry VA	Axton	51016	1,782
King William VA	Courthouse	51097	2,129
King William VA	Courthouse	51098	143
Loudoun VA	Belmont Ridge	51010	3,034
Loudoun VA	Belmont Ridge	51032	4,058
Loudoun VA	Countryside	51032	948
Loudoun VA	Countryside	51087	1,928
Loudoun VA	Dulles South	51067	6,329
Loudoun VA	Dulles South	51087	11
Loudoun VA	Mill Run	51032	3,722
Loudoun VA	Mill Run	51087	1,180
Loudoun VA	Park View	51086	2,336
Loudoun VA	Park View	51087	2,766
Loudoun VA	Philomont	51010	1,402
Loudoun VA	Philomont	51033	1,105
Loudoun VA	Pinebrook	51010	2,399
Loudoun VA	Pinebrook	51087	2,325
Lunenburg VA	Brown's Store	51061	1,040
Lunenburg VA	Brown's Store	51075	265
Lunenburg VA	Peoples Community Center	51061	725
Lunenburg VA	Peoples Community Center	51075	207
Lunenburg VA	Rosebud	51061	557
Lunenburg VA	Rosebud	51075	747
Lunenburg VA	Victoria Public Library	51061	1,086
Lunenburg VA	Victoria Public Library	51075	1,336
Montgomery VA	E-1	51007	10,740
Montgomery VA	E-1	51012	654
Newport News City VA	Lee Hall	51093	3,023
Newport News City VA	Lee Hall	51094	6,789
Newport News City VA	McIntosh	51093	2,317
Newport News City VA	McIntosh	51094	2,340
Norfolk City VA	Lafayette-Winona	51089	1,026
Norfolk City VA	Lafayette-Winona	51090	2,339
Portsmouth City VA	Nine	51079	2,752
Portsmouth City VA	Nine	51080	402
Prince George VA	Courts Bldg	51062	0
Prince George VA	Courts Bldg	51064	3,810
Prince George VA	Templeton	51063	1,044
Prince George VA	Templeton	51064	3,579
Prince William VA	Alvey	51040	2,244
Prince William VA	Alvey	51087	4,913
Prince William VA	Battlefield	51013	80
Prince William VA	Battlefield	51040	5,599
Prince William VA	Benton	51031	2,848
Prince William VA	Benton	51051	1,805
Prince William VA	Godwin	51031	3,710

Plan Name:	Plaintiffs' Remedial Plan B	Administrator:	
Plan Type:		User:	
County	Voting District	District	Population
<i>Split VTDs (continued):</i>			
Prince William VA	Godwin	51052	4,449
Prince William VA	Henderson	51031	3,800
Prince William VA	Henderson	51052	2,700
Prince William VA	Minnieville	51031	456
Prince William VA	Minnieville	51052	4,819
Prince William VA	Stonewall	51013	5,472
Prince William VA	Stonewall	51050	1,141
Richmond City VA	707	51070	86
Richmond City VA	707	51071	5,576
Roanoke VA	Penn Forest	51008	1,911
Roanoke VA	Penn Forest	51017	417
Rockingham VA	Plains	51015	1,664
Rockingham VA	Plains	51026	1,998
Russell VA	Honaker	51003	1,463
Russell VA	Honaker	51004	2,591
Spotsylvania VA	Brokenburg	51054	1,530
Spotsylvania VA	Brokenburg	51055	1,384
Spotsylvania VA	Brokenburg	51056	1,562
Stafford VA	Hampton	51028	4,244
Stafford VA	Hampton	51088	1,168
Stafford VA	Whitson	51002	1,537
Stafford VA	Whitson	51088	3,512
Virginia Beach City VA	Aragona	51083	3,841
Virginia Beach City VA	Aragona	51085	3,439
Virginia Beach City VA	Chesapeake Beach	51083	8,310
Virginia Beach City VA	Chesapeake Beach	51100	0
Virginia Beach City VA	London Bridge	51082	4,803
Virginia Beach City VA	London Bridge	51084	763
Wise VA	East Pound	51001	1,168
Wise VA	East Pound	51004	1,416
York VA	Coventry	51091	3,668
York VA	Coventry	51093	5,134
York VA	Edgehill	51093	2,346
York VA	Edgehill	51096	2,989